



BIOS 10140 5 - Inquiry-based Exploration of Biology - Instructor(s): Pliny Smith

Project Title: **College Course Feedback - Autumn 2023**

Number Enrolled: **20**

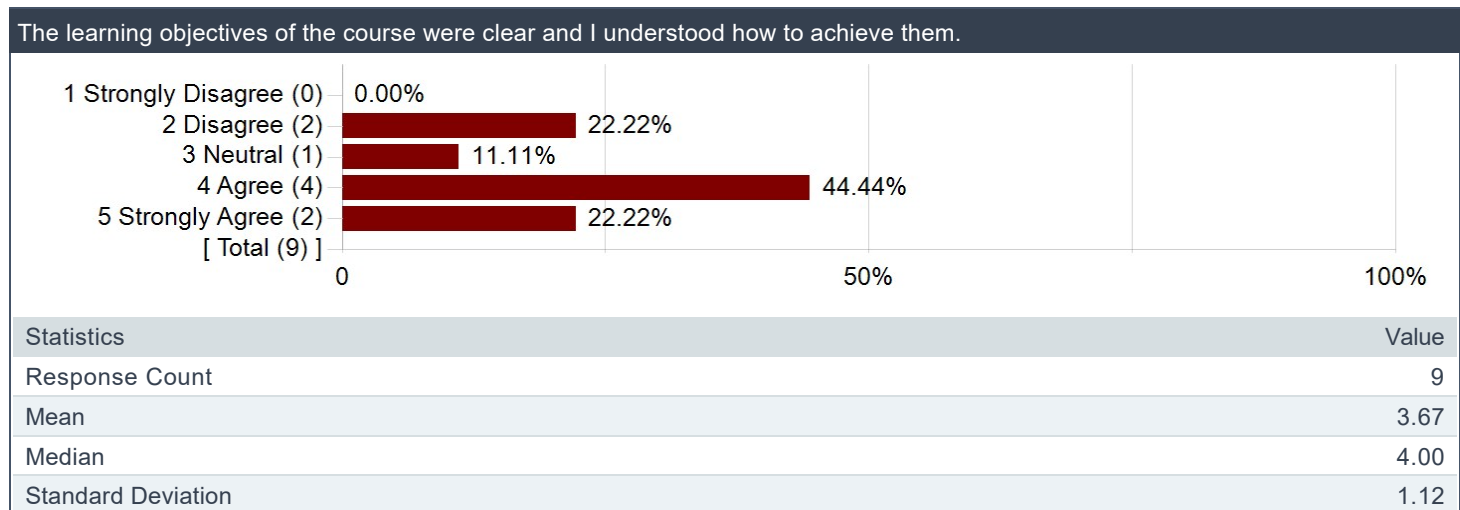
Number of Responses: **9**

Report Comments

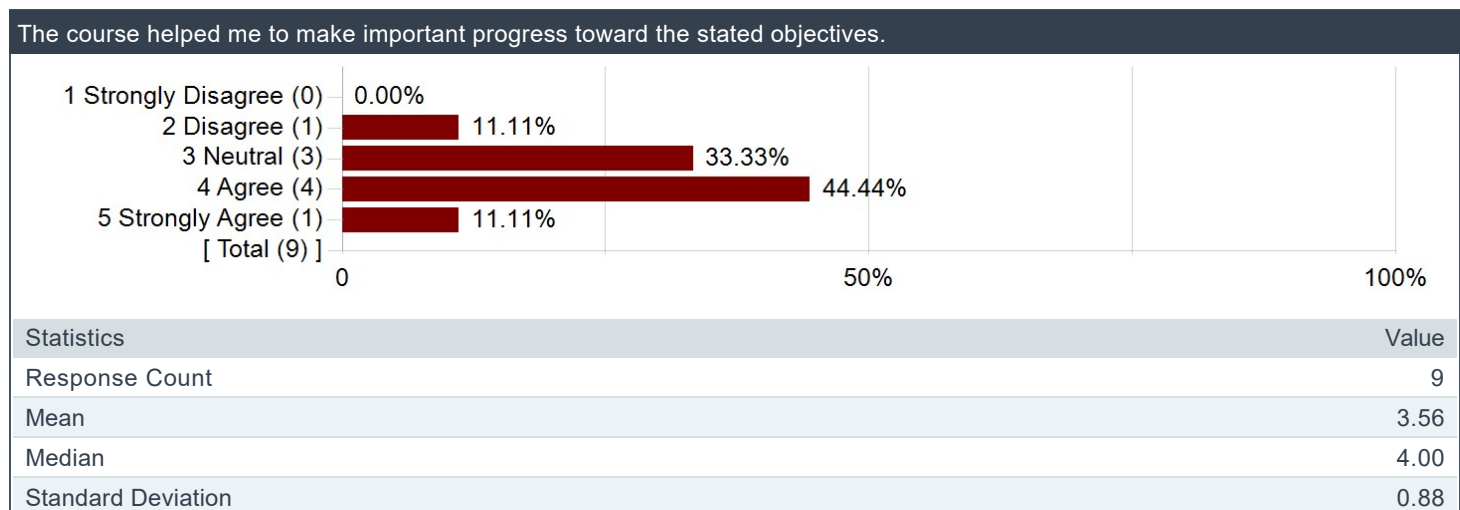
Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

Creation Date: **Friday, February 2, 2024**

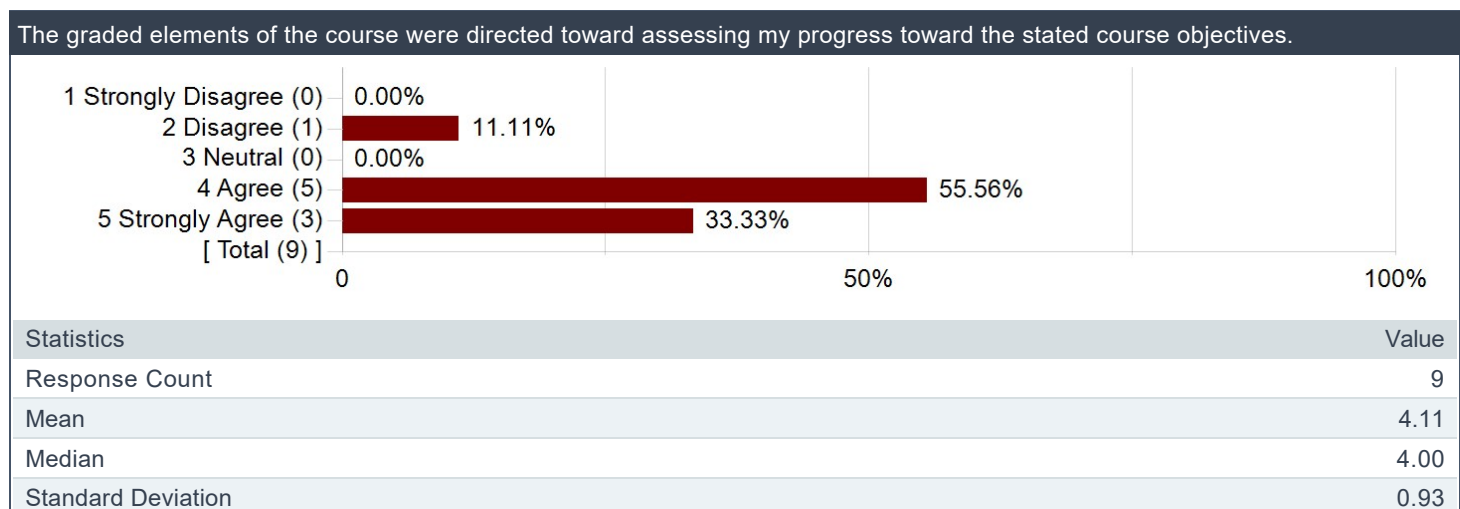
The learning objectives of the course were clear and I understood how to achieve them.



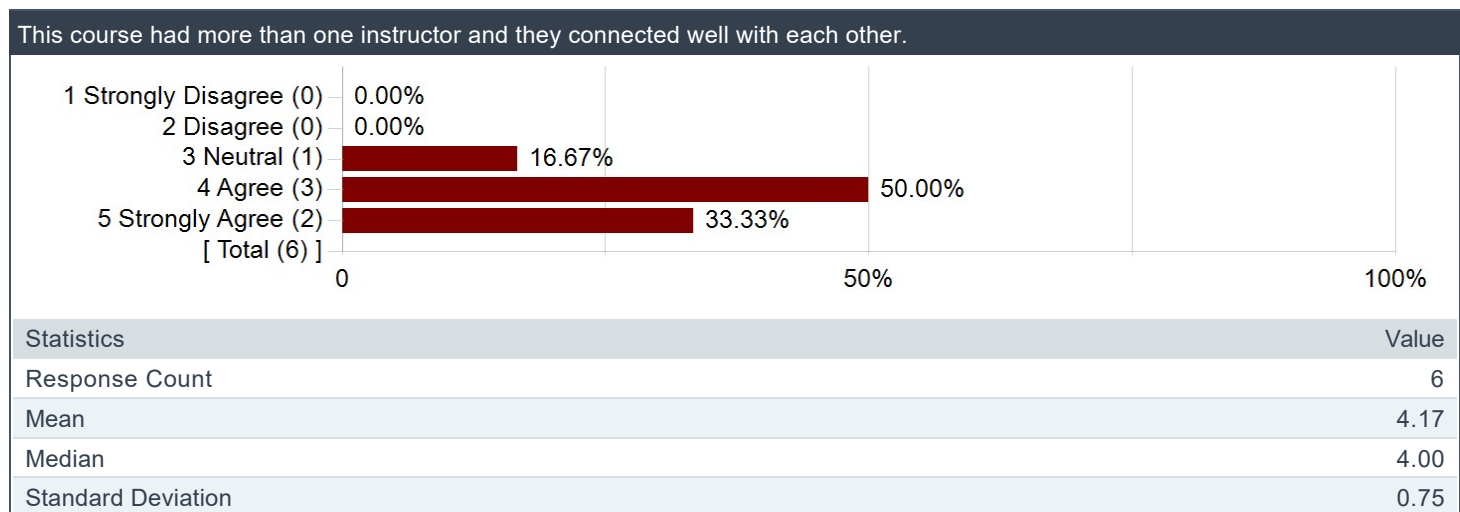
The course helped me to make important progress toward the stated objectives.



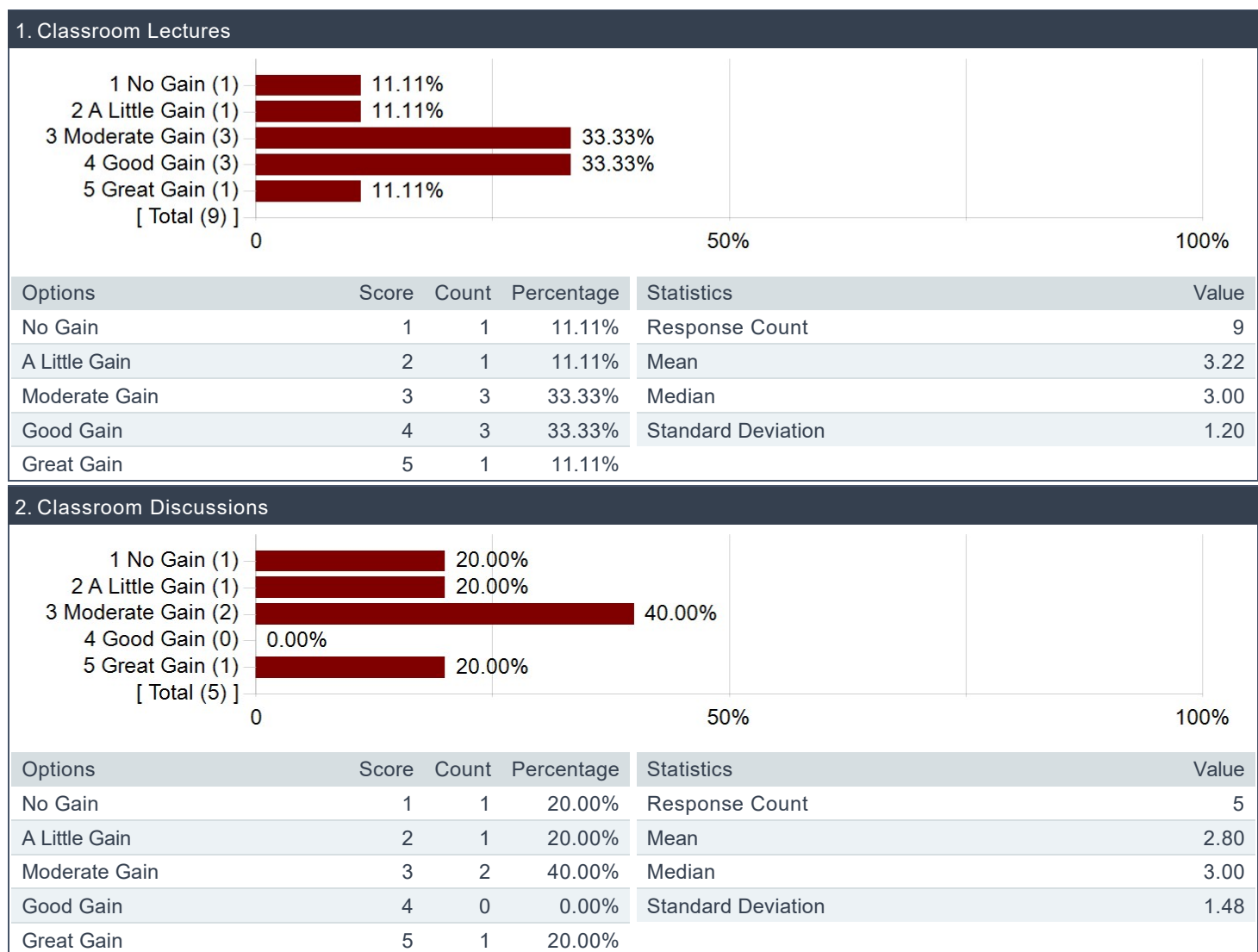
The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



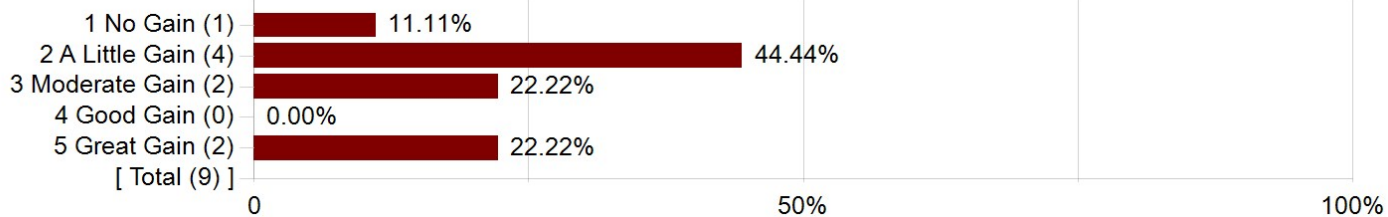
This course had more than one instructor and they connected well with each other.



How much did the following elements of the course contribute to your learning gains?

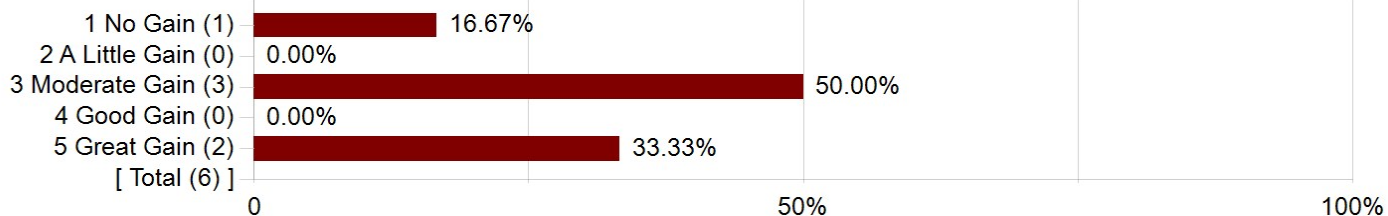


3. Assigned Readings



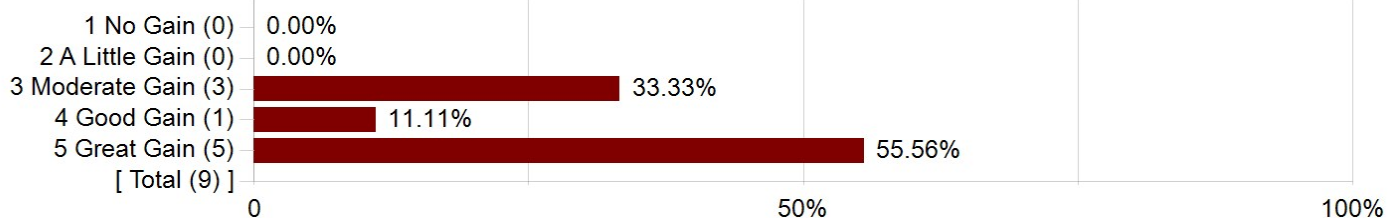
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	11.11%	Response Count	9
A Little Gain	2	4	44.44%	Mean	2.78
Moderate Gain	3	2	22.22%	Median	2.00
Good Gain	4	0	0.00%	Standard Deviation	1.39
Great Gain	5	2	22.22%		

4. Homework Exercises



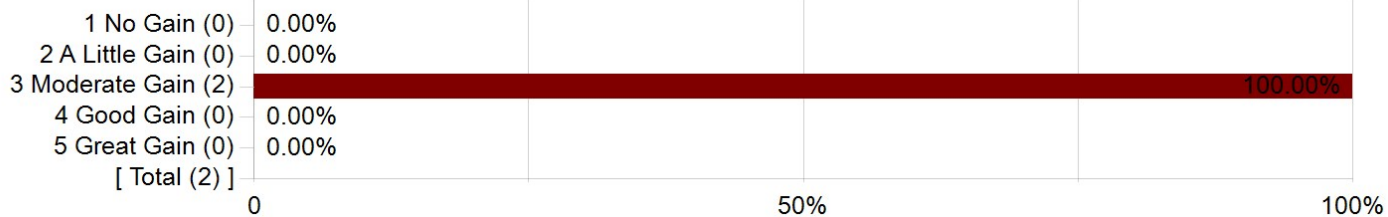
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	16.67%	Response Count	6
A Little Gain	2	0	0.00%	Mean	3.33
Moderate Gain	3	3	50.00%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	1.51
Great Gain	5	2	33.33%		

5. Lab Experiences



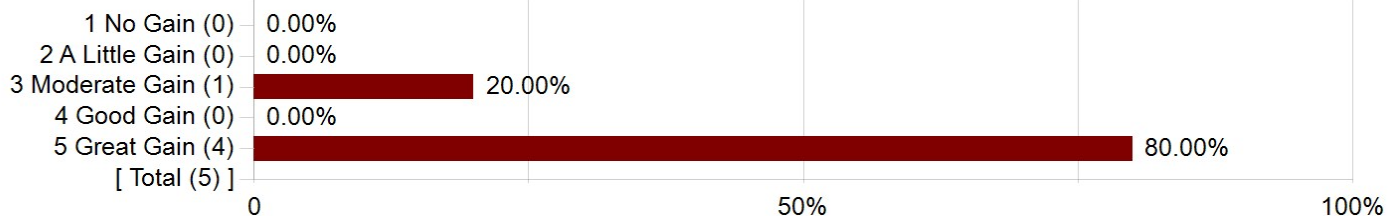
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	9
A Little Gain	2	0	0.00%	Mean	4.22
Moderate Gain	3	3	33.33%	Median	5.00
Good Gain	4	1	11.11%	Standard Deviation	0.97
Great Gain	5	5	55.56%		

6. Discussion Sessions



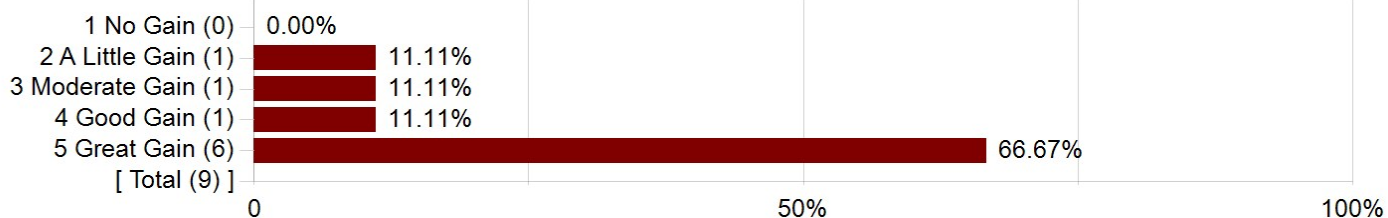
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	2
A Little Gain	2	0	0.00%	Mean	3.00
Moderate Gain	3	2	100.00%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	0.00
Great Gain	5	0	0.00%		

7. Review Sessions



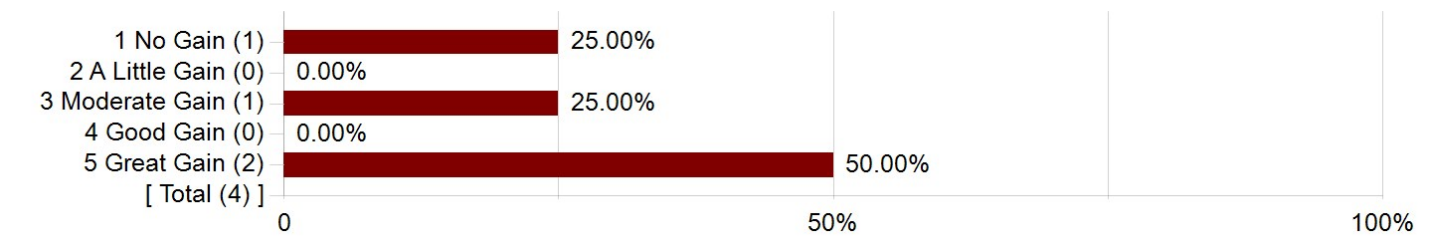
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	5
A Little Gain	2	0	0.00%	Mean	4.60
Moderate Gain	3	1	20.00%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.89
Great Gain	5	4	80.00%		

8. Interactions with Other Students



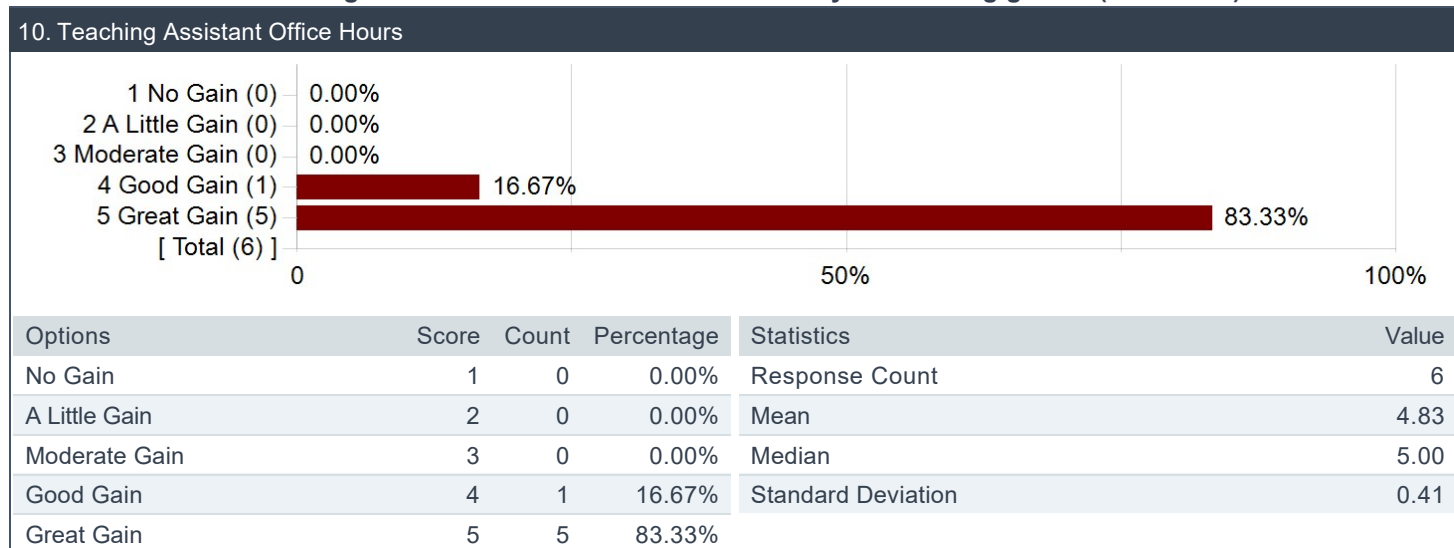
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	9
A Little Gain	2	1	11.11%	Mean	4.33
Moderate Gain	3	1	11.11%	Median	5.00
Good Gain	4	1	11.11%	Standard Deviation	1.12
Great Gain	5	6	66.67%		

9. Faculty Office Hours



Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	25.00%	Response Count	4
A Little Gain	2	0	0.00%	Mean	3.50
Moderate Gain	3	1	25.00%	Median	4.00
Good Gain	4	0	0.00%	Standard Deviation	1.91
Great Gain	5	2	50.00%		

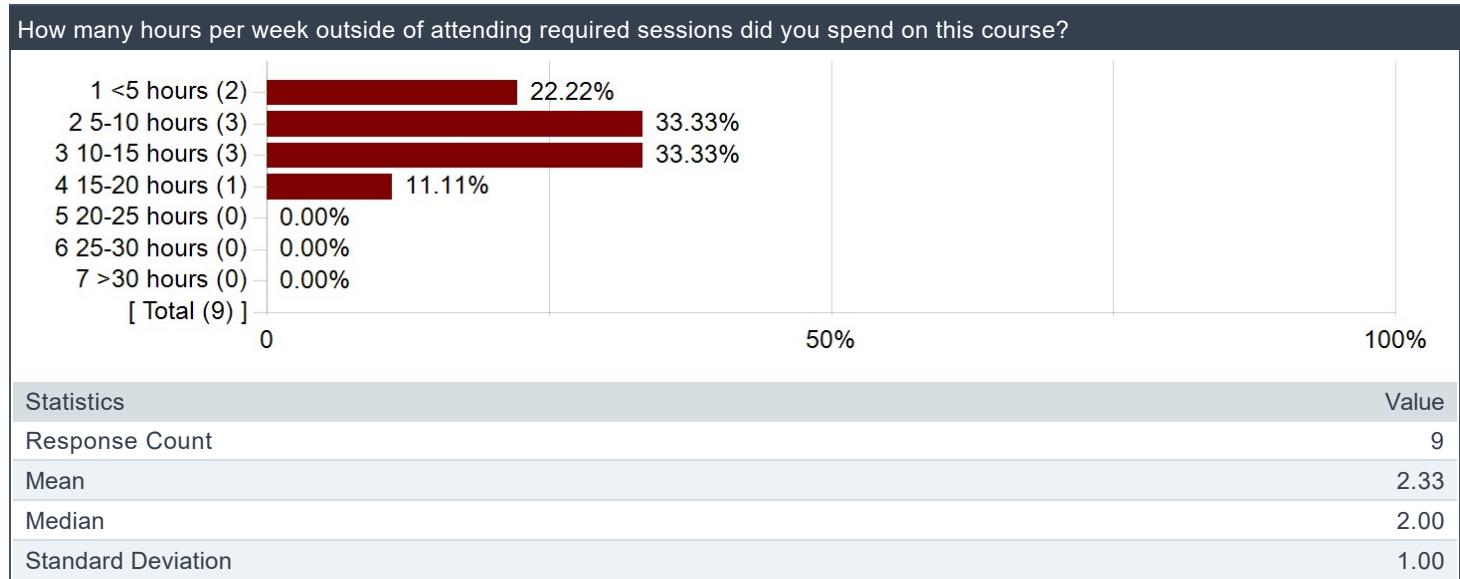
How much did the following elements of the course contribute to your learning gains? (continued)



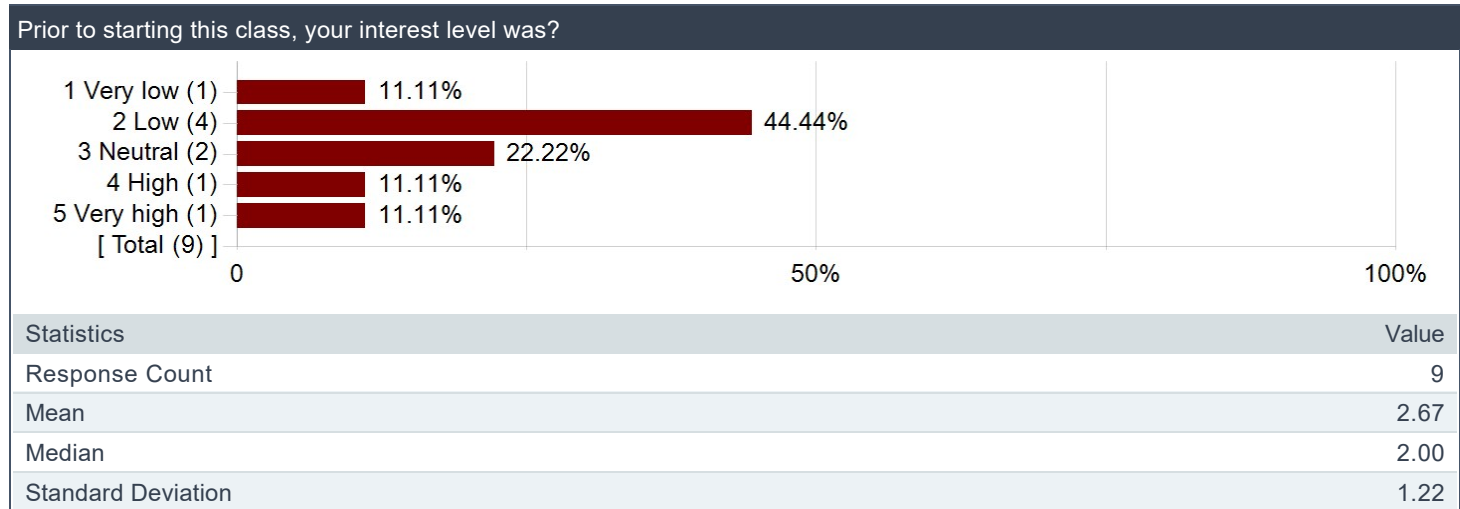
What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

Comments
The most important thing I learned from this course was how a lab functions. I wish to have learned all the course information in a way that would not have made it leave my mind after taking a test.
Learning about many of the essential mechanisms of prokaryotic and eukaryotic cells (structures and their functions) was, I think, the most important thing covered in this course.
I feel like I have a reasonably clear understanding of the subject matter covered.
The french paradox
I understand the main biological factors that influence aging, along with learning the basics of developmental biology. I enjoyed interacting with the C.elegans over the course of the quarter and learn about the factors that influence their longevity.
n/a
Genes that promote aging in different organisms.
Everything in regards to evolution was important to me. I am still unclear about genomes and the like.
I believe that the practical side of the labs is something I am still lacking and their full understanding
Most important thing was how to work in a group with people on a long term problem. Much of the course material was unclear though.

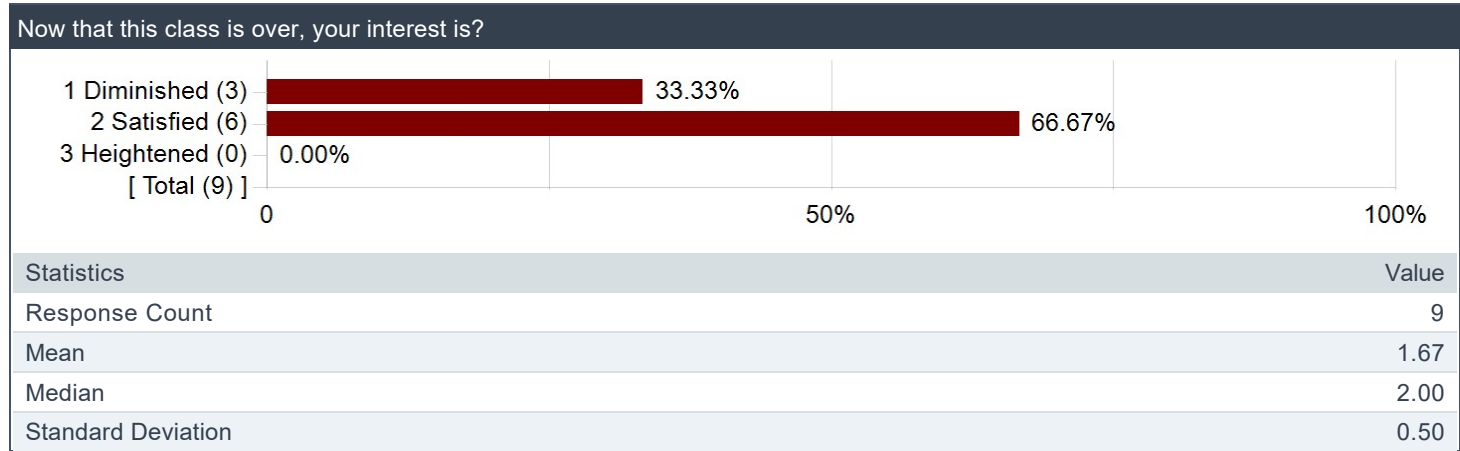
How many hours per week outside of attending required sessions did you spend on this course?



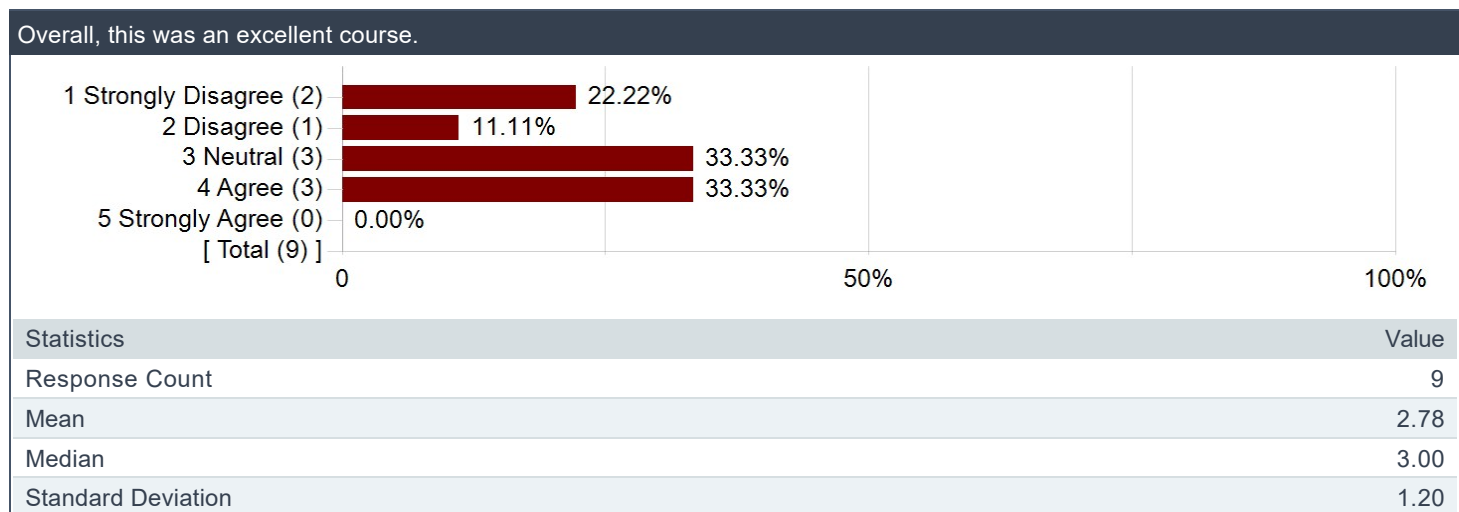
Prior to starting this class, your interest level was?



Now that this class is over, your interest is?



Overall, this was an excellent course.



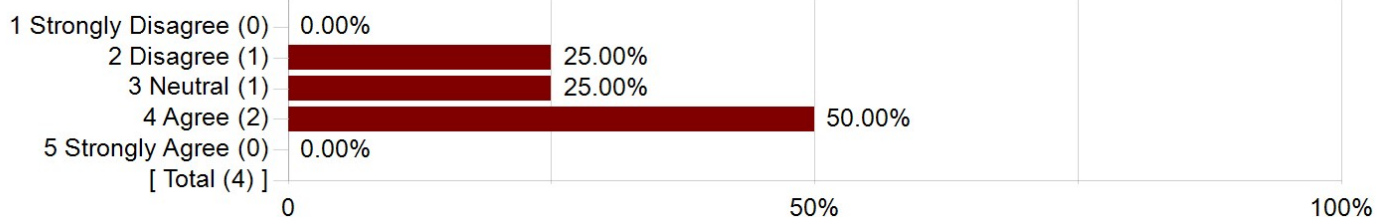
Please share any advice you have for students who are considering taking the course.

Comments
This course causes high stress and anxiety levels. All students are expected to memorize a lot of different information each week to take a test the following week during class. The test questions are not multiple-choice, and they can get tricky. You will feel overwhelmed, and this class will take the majority of your time. However, it really depends on your section. Along with weekly tests that have a 20-minute time limit, assigned articles with reading questions are given on Canvas. The number of articles given per day of class changes, some days there are two, others there can be four. There will be a week in the course calendar where there is no weekly test or articles with reading questions. This will be your worst week, you'll be expected to memorize double the amount of information that you usually do for the next test. Once again, I'd like to remind you that everything really depends on your section.
If the prospect of counting hundreds of microscopic worms for two hours a week for five weeks strikes you as appealing, then this is the course for you.
The amount of material you need to learn is unreal. Go to Office hours and such, and don't be afraid to ask questions. You will have a hard time, but a fun time because you are struggling so much. Don't doubt yourself on taking this class. If you have a genuine drive to learn, you will excel in this class.
n/a
Make sure to study for the quizzes.
Practice memorization.
Take this course if you do not wanna have a final. If you are better with labs than memorization than it might be a better fit for you. At the same time, we had weekly quizzes, so you still have to study for them almost every week. But go to your TAs!!!
Honestly, I do not recommend this class.

Laboratory Meetings

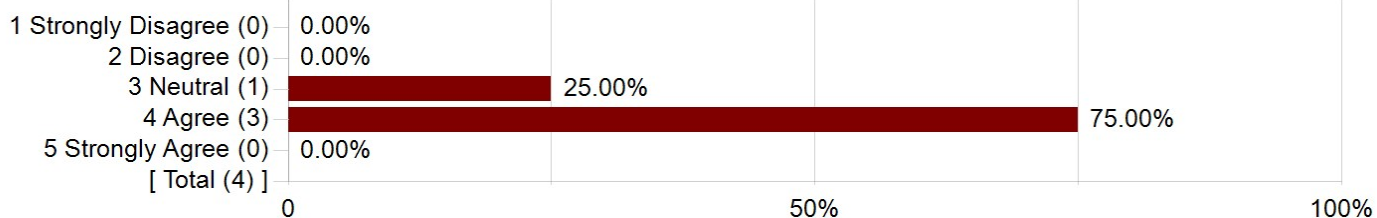
For each of the following statements, please indicate your level of agreement.

1. The laboratory protocols and instructions were clear and well organized.



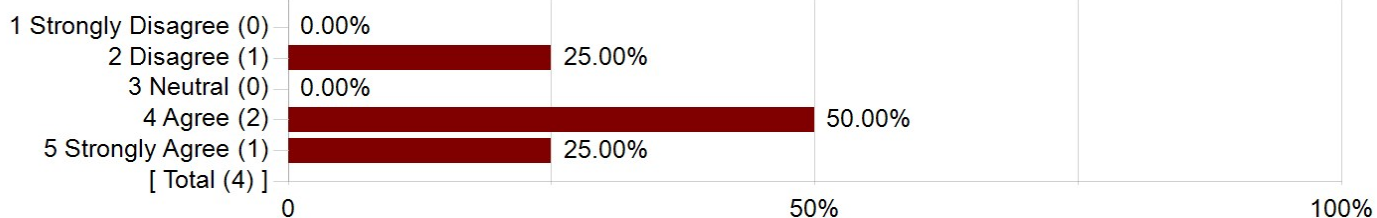
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	1	25.00%	Mean	3.25
Neutral	3	1	25.00%	Median	3.50
Agree	4	2	50.00%	Standard Deviation	0.96
Strongly Agree	5	0	0.00%		

2. Materials and equipment needed for performing the exercises were readily available.



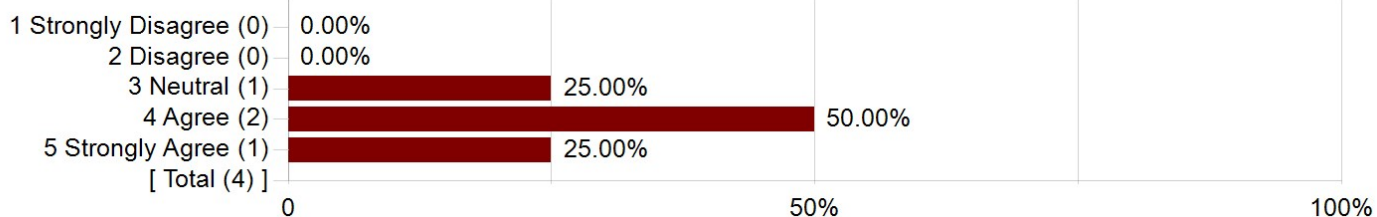
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	0	0.00%	Mean	3.75
Neutral	3	1	25.00%	Median	4.00
Agree	4	3	75.00%	Standard Deviation	0.50
Strongly Agree	5	0	0.00%		

3. The lab exercises had clear educational goals.



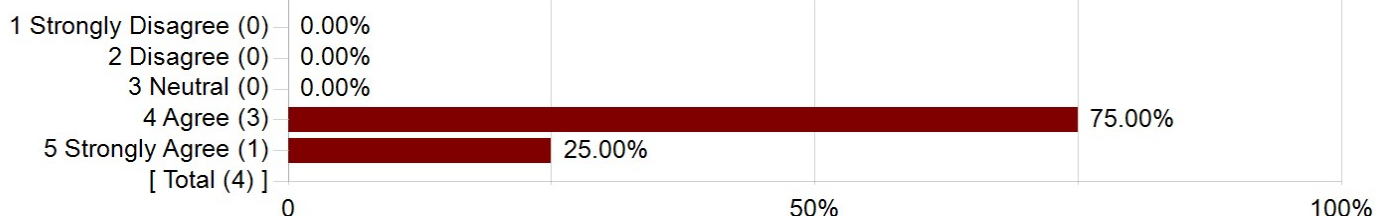
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	1	25.00%	Mean	3.75
Neutral	3	0	0.00%	Median	4.00
Agree	4	2	50.00%	Standard Deviation	1.26
Strongly Agree	5	1	25.00%		

4. The goals of the lab exercises were well integrated with the overall objectives of the course.



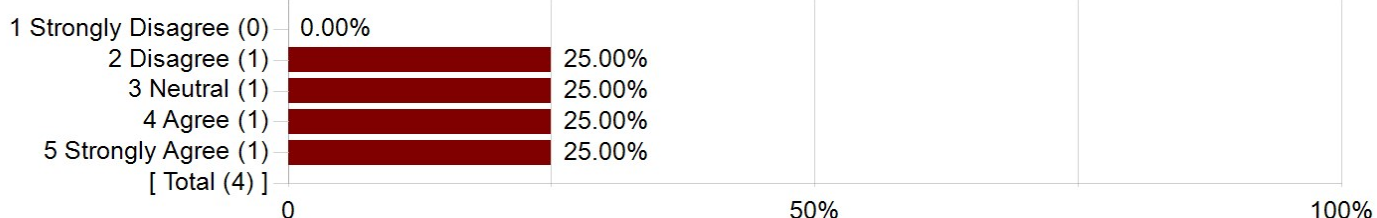
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	0	0.00%	Mean	4.00
Neutral	3	1	25.00%	Median	4.00
Agree	4	2	50.00%	Standard Deviation	0.82
Strongly Agree	5	1	25.00%		

5. The lab exercises explored course topics in ways that could not have been accomplished in lecture or discussion.



Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	0	0.00%	Mean	4.25
Neutral	3	0	0.00%	Median	4.00
Agree	4	3	75.00%	Standard Deviation	0.50
Strongly Agree	5	1	25.00%		

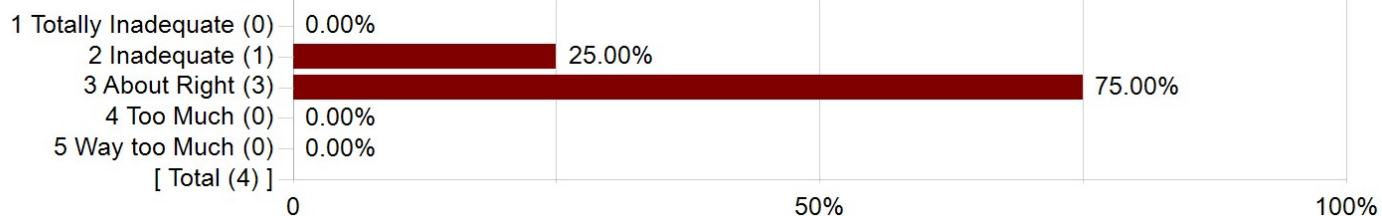
6. Overall, this was an excellent laboratory experience.



Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	4
Disagree	2	1	25.00%	Mean	3.50
Neutral	3	1	25.00%	Median	3.50
Agree	4	1	25.00%	Standard Deviation	1.29
Strongly Agree	5	1	25.00%		

The time allocated for completing the lab was:

The time allocated for completing the lab was:



Statistics	Value
Response Count	4
Mean	2.75
Median	3.00
Standard Deviation	0.50

What observational, analytical, or technical skills did you gain during the laboratory exercises that enhanced your understanding of how biologists answer questions in this particular field?

Comments

How to use the equipment, how to analyze graphs

Please share any recommendations to improve the laboratory learning experience.

Comments

Maybe proceed to show the process first would be better than simply explaining it