



BIOS 10140 6 - Inquiry-based Exploration of Biology - Instructor(s): Pliny Smith

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

Number Enrolled: **21**

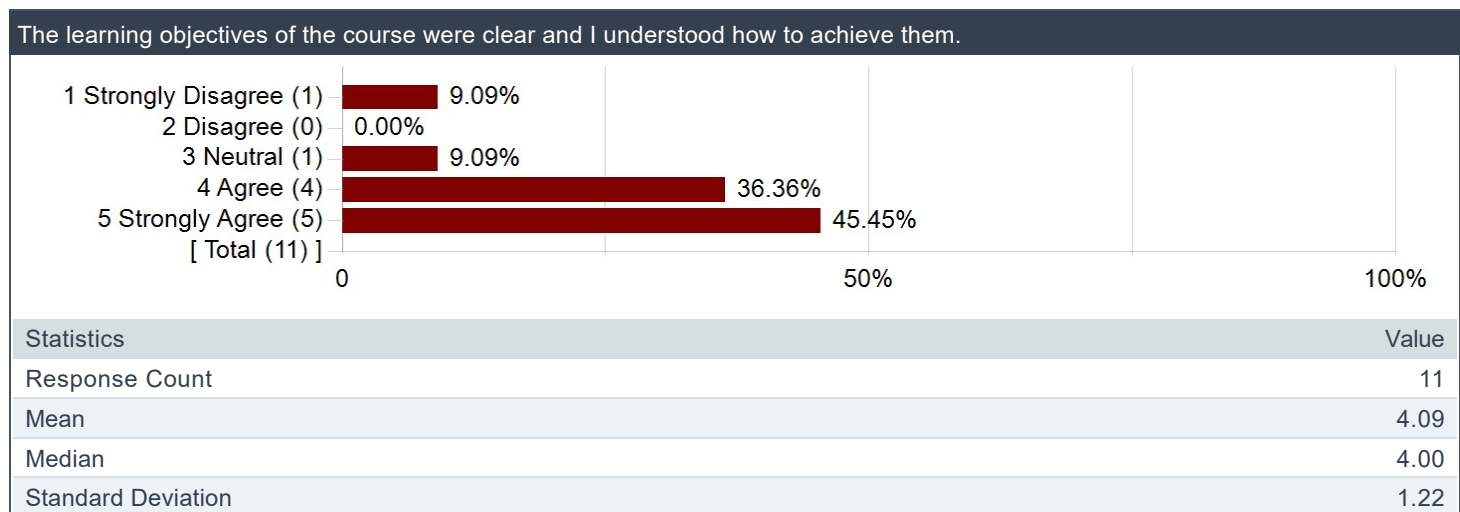
Number of Responses: **13**

Report Comments

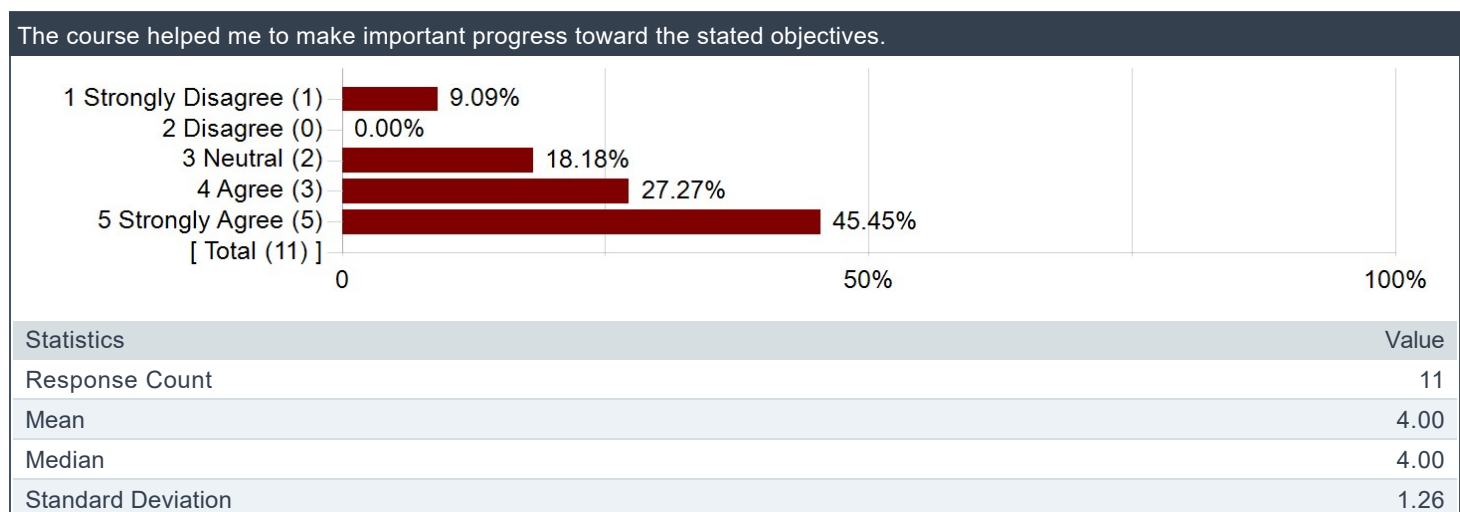
Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

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

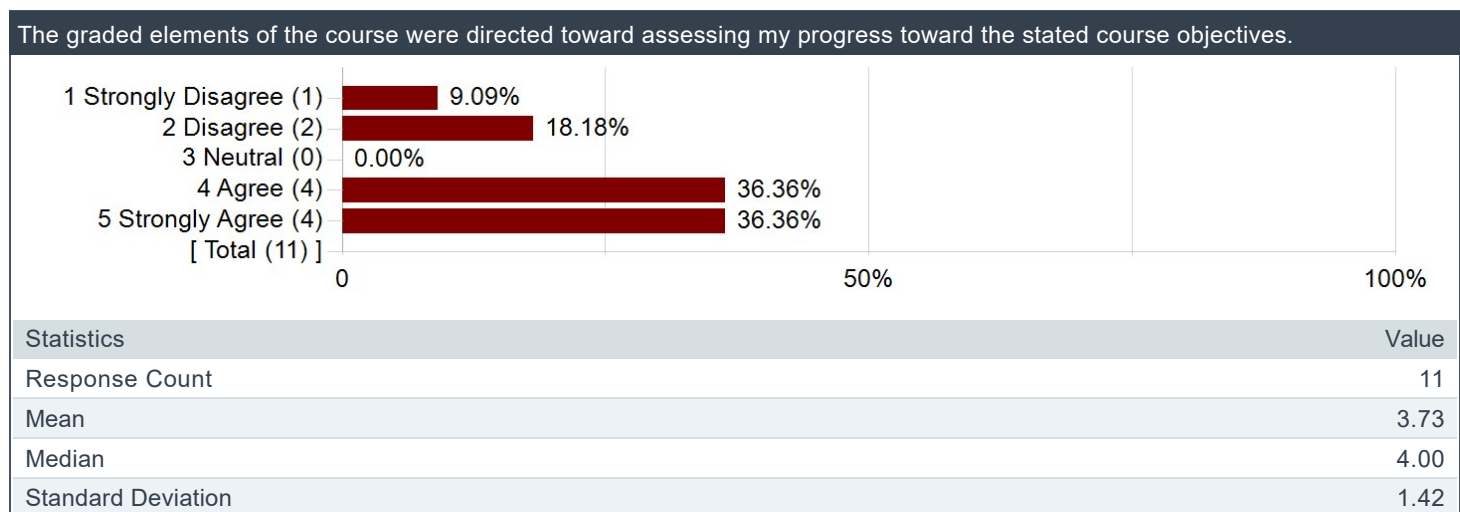
The learning objectives of the course were clear and I understood how to achieve them.



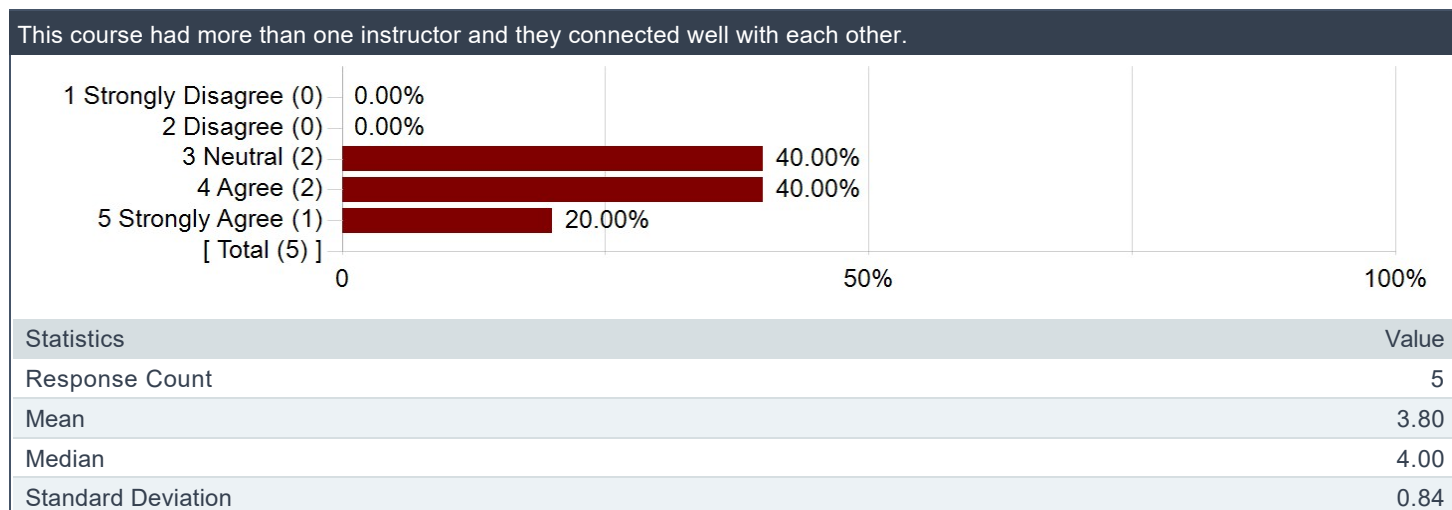
The course helped me to make important progress toward the stated objectives.



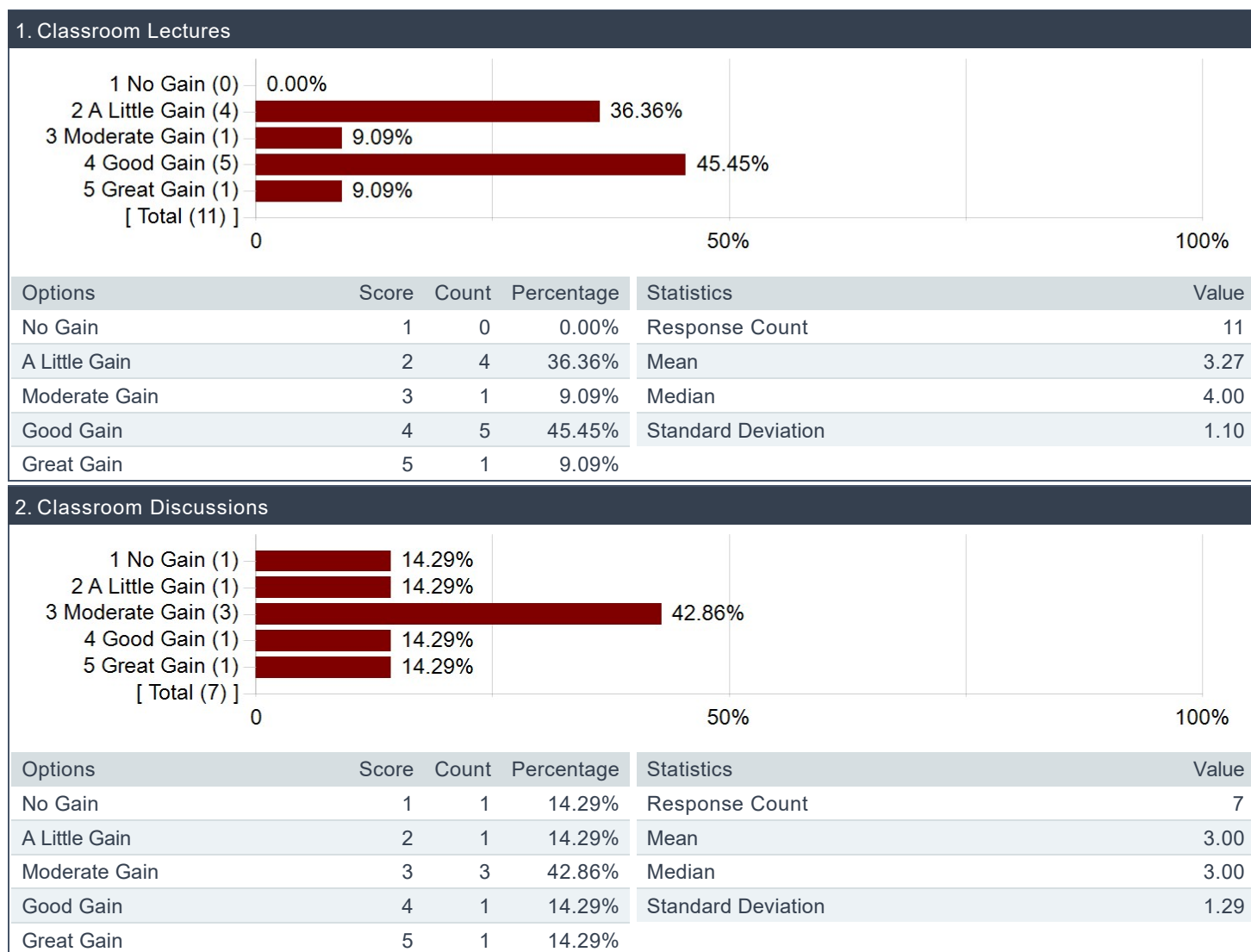
The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



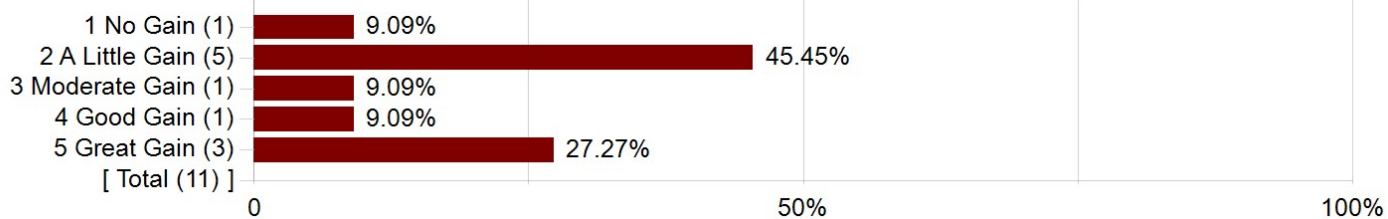
This course had more than one instructor and they connected well with each other.



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

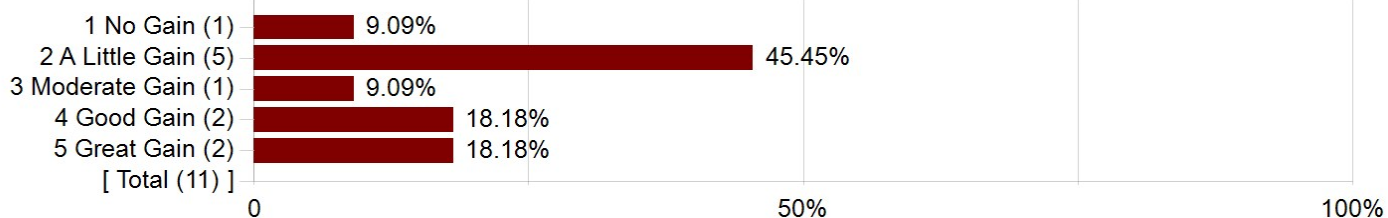


3. Assigned Readings



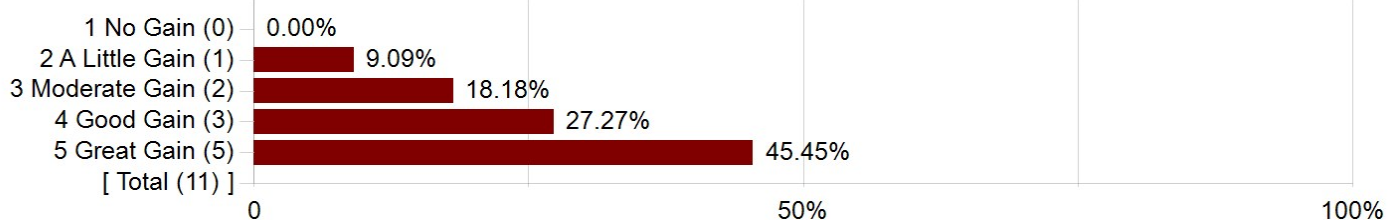
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	9.09%	Response Count	11
A Little Gain	2	5	45.45%	Mean	3.00
Moderate Gain	3	1	9.09%	Median	2.00
Good Gain	4	1	9.09%	Standard Deviation	1.48
Great Gain	5	3	27.27%		

4. Homework Exercises



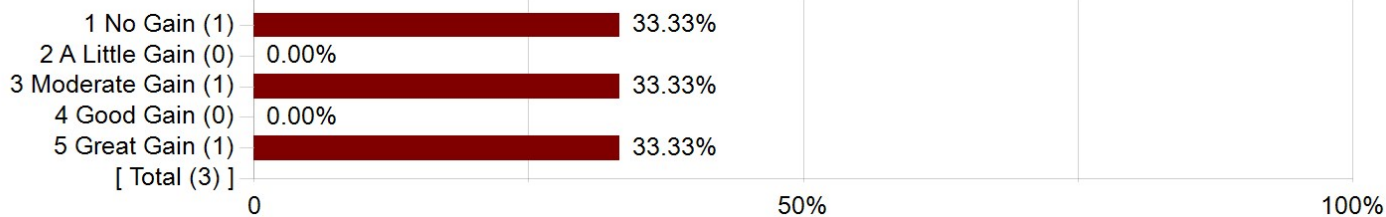
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	9.09%	Response Count	11
A Little Gain	2	5	45.45%	Mean	2.91
Moderate Gain	3	1	9.09%	Median	2.00
Good Gain	4	2	18.18%	Standard Deviation	1.38
Great Gain	5	2	18.18%		

5. Lab Experiences



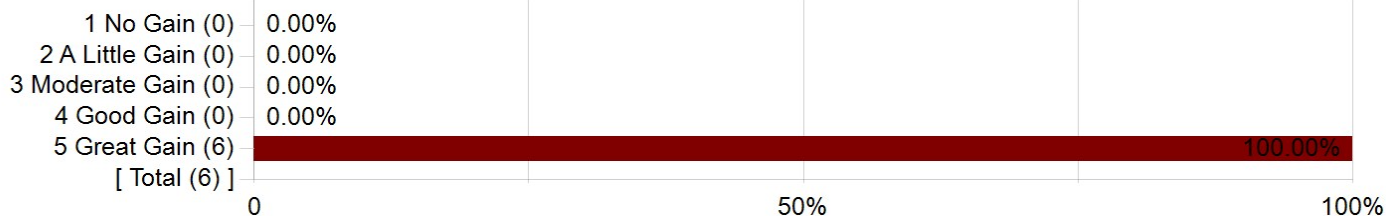
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	11
A Little Gain	2	1	9.09%	Mean	4.09
Moderate Gain	3	2	18.18%	Median	4.00
Good Gain	4	3	27.27%	Standard Deviation	1.04
Great Gain	5	5	45.45%		

6. Discussion Sessions



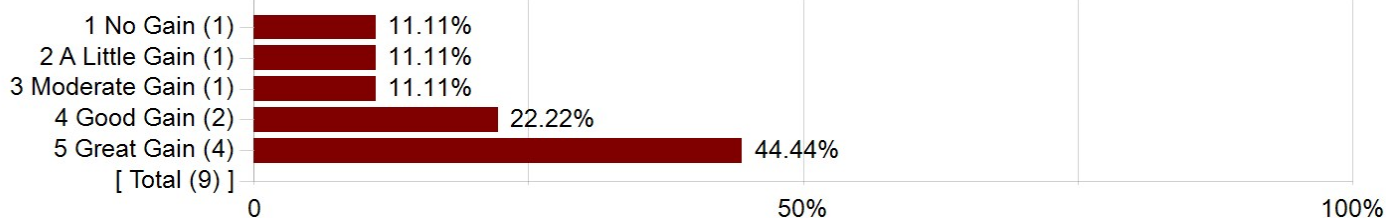
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	33.33%	Response Count	3
A Little Gain	2	0	0.00%	Mean	3.00
Moderate Gain	3	1	33.33%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	2.00
Great Gain	5	1	33.33%		

7. Review Sessions



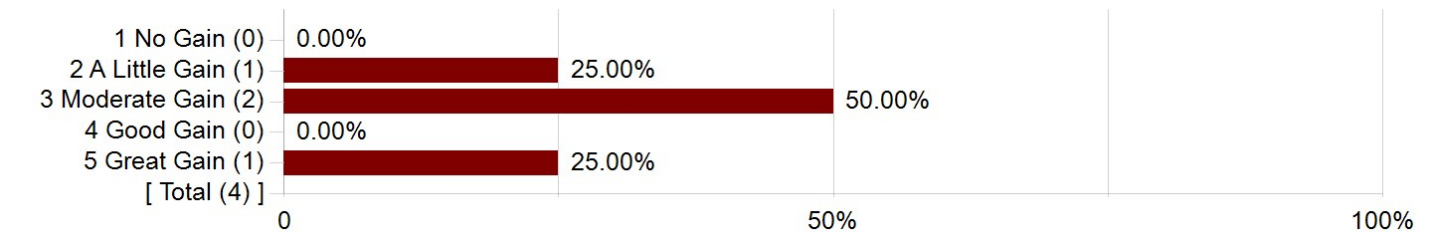
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	6
A Little Gain	2	0	0.00%	Mean	5.00
Moderate Gain	3	0	0.00%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.00
Great Gain	5	6	100.00%		

8. Interactions with Other Students



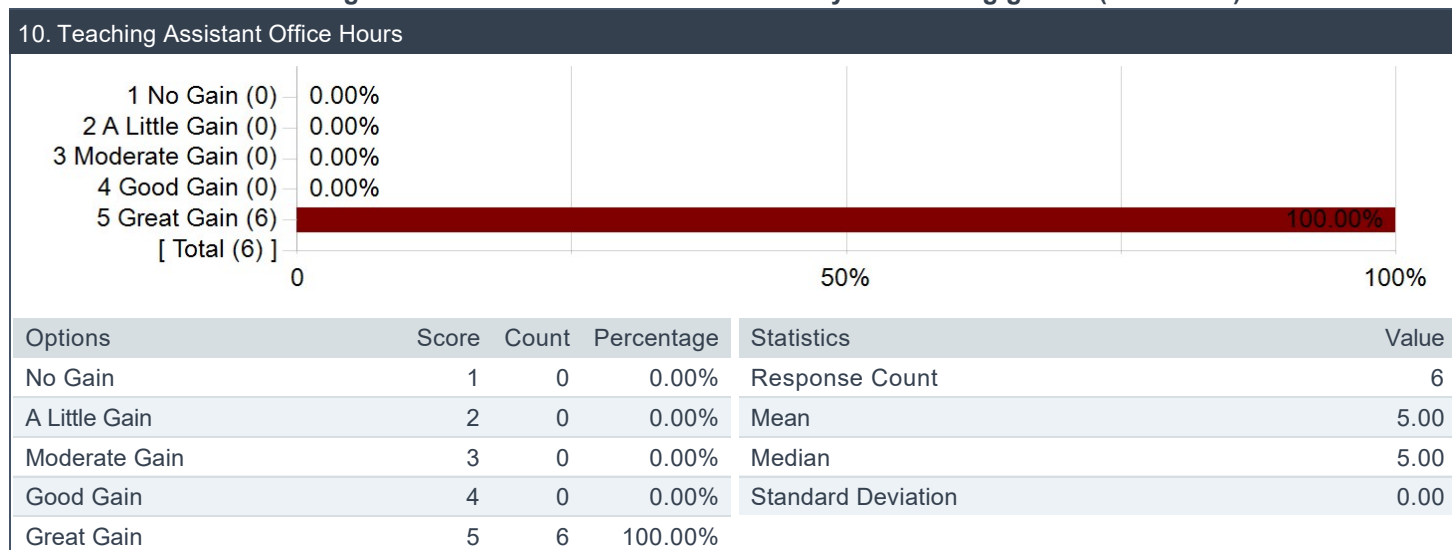
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	11.11%	Response Count	9
A Little Gain	2	1	11.11%	Mean	3.78
Moderate Gain	3	1	11.11%	Median	4.00
Good Gain	4	2	22.22%	Standard Deviation	1.48
Great Gain	5	4	44.44%		

9. Faculty Office Hours



Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	4
A Little Gain	2	1	25.00%	Mean	3.25
Moderate Gain	3	2	50.00%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	1.26
Great Gain	5	1	25.00%		

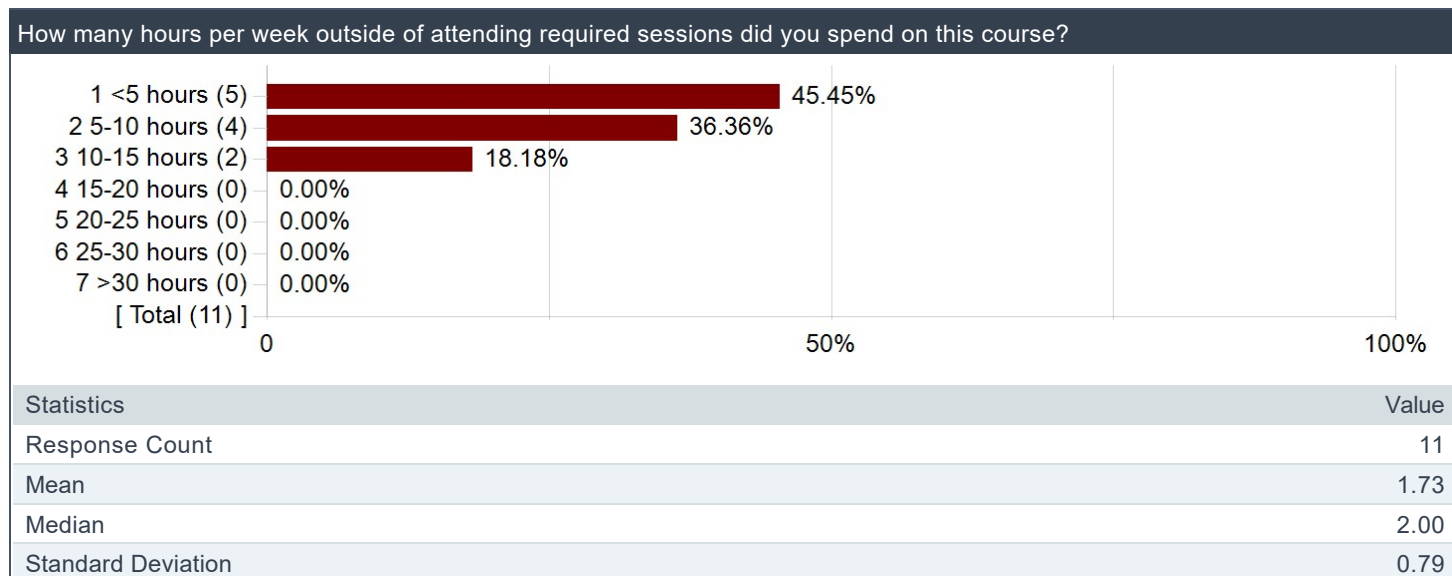
How much did the following elements of the course contribute to your learning gains? (continued)



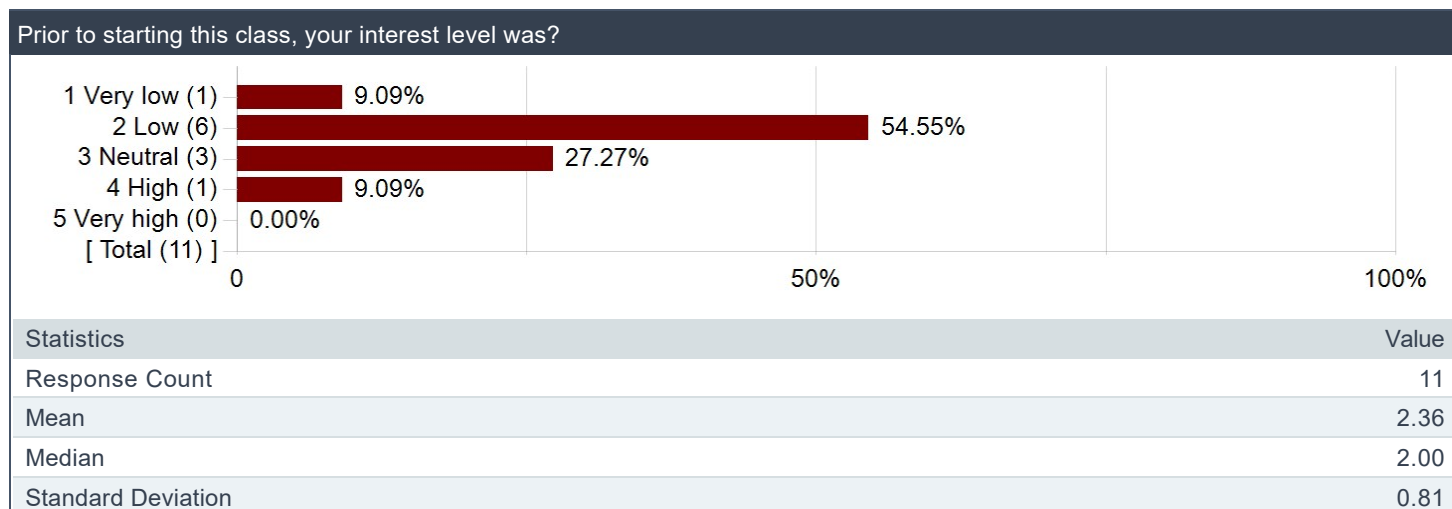
What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

Comments
I learned about the biological reasons behind aging. All of the relationships between specific genes and transcription factors are still unclear to me
For me, the aspects of evolution was the most important thing I learned in this course. I'm still unclear about some of the nit-picky stuff with aging and limb regrowth in particular, but I understood and enjoyed learning about the big ideas from those topics. I wish we had more time in this course to dive into evolution!
I liked learning about the basics of life and getting a general understanding for how life exists. There were a lot of specific gene names and proteins that we had to memorize that didn't really stick with me.
I think learning the entire process of aging was very interesting and important. However, I think the last couple of topics, e.g limb development are still slightly unclear, so it's definitely something I wish I learned better.
I liked learning about evolutionary systems but what still remains a bit unclear is the content regarding genetics.
Learned proper lab techniques

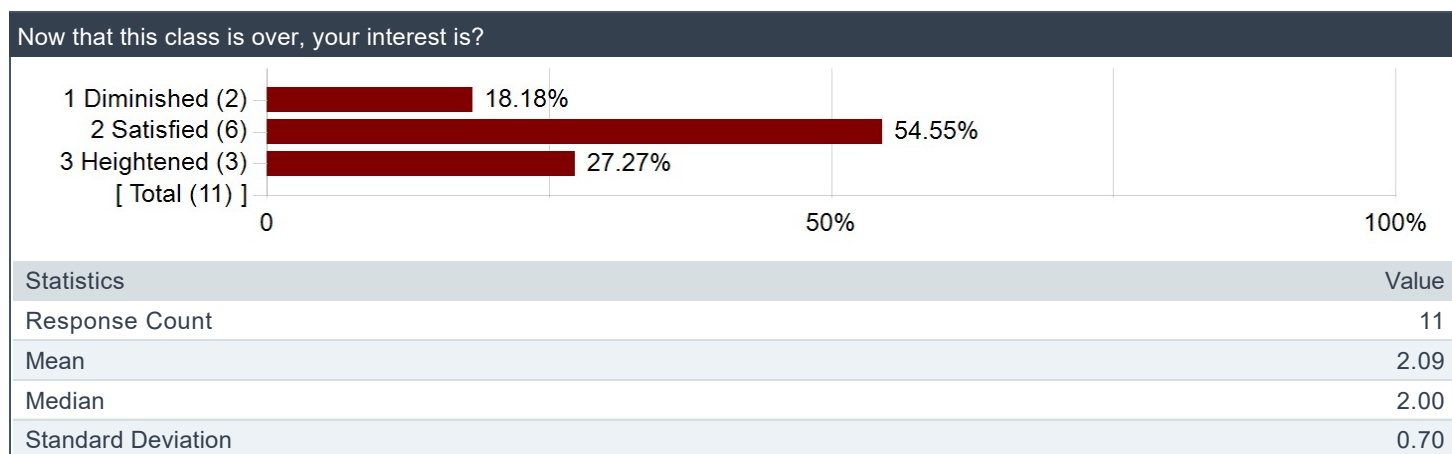
How many hours per week outside of attending required sessions did you spend on this course?



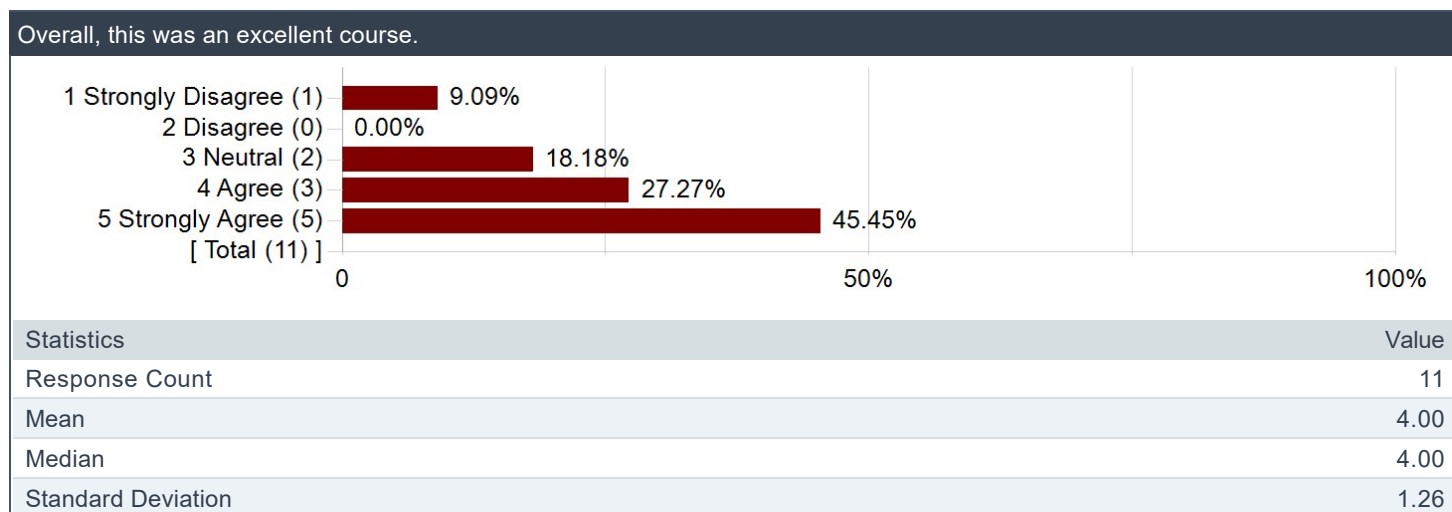
Prior to starting this class, your interest level was?



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.

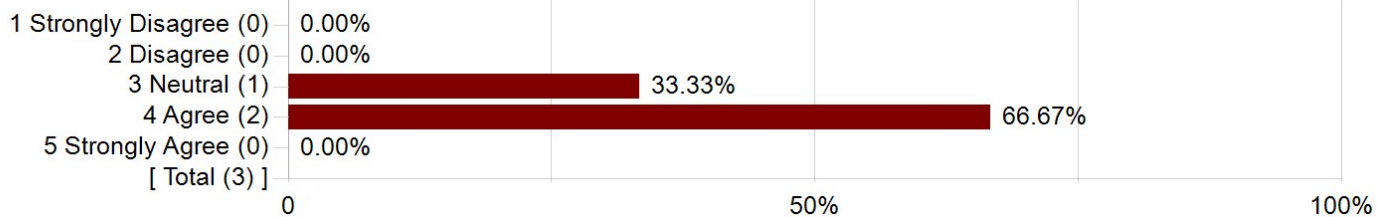
Comments
No final, weekly 20-minute quizzes, reading quizzes in advance of every class where you have to read a scholarly journal article and answer multiple choice questions about it, quarter-long lab and presentation
This course does have quizzes. DONT LET IT SCARE YOU!! The quizzes are pretty easy and don't require much more than some memorization. Dr. Smith is also a fair grader and teacher, so if you're worried about it, don't be. Just pay attention in class and do the readings and you'll be fine
You have to be willing to put in a good amount of time to enjoy this course.
Definitely take time on learning the subjects/topics. There are quizzes every week, so it's hard to cram for them. Overall, it was an incredibly fun class, and I'm so glad I took it.
Highly recommend going to TA office hours

Laboratory Meetings

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

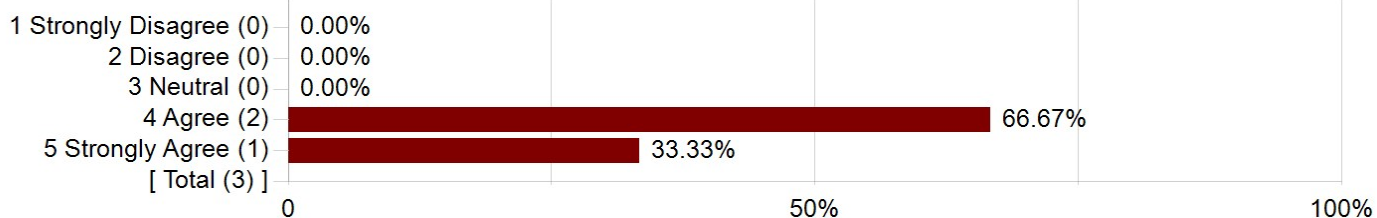
1. The laboratory protocols and instructions were clear and well organized.					
1 Strongly Disagree (0)	0.00%				
2 Disagree (0)	0.00%				
3 Neutral (0)	0.00%				
4 Agree (2)	66.67%				
5 Strongly Agree (1)	33.33%				
[Total (3)]					
0			50%		100%
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	3
Disagree	2	0	0.00%	Mean	4.33
Neutral	3	0	0.00%	Median	4.00
Agree	4	2	66.67%	Standard Deviation	0.58
Strongly Agree	5	1	33.33%		
2. Materials and equipment needed for performing the exercises were readily available.					
1 Strongly Disagree (0)	0.00%				
2 Disagree (0)	0.00%				
3 Neutral (0)	0.00%				
4 Agree (2)	66.67%				
5 Strongly Agree (1)	33.33%				
[Total (3)]					
0			50%		100%
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	3
Disagree	2	0	0.00%	Mean	4.33
Neutral	3	0	0.00%	Median	4.00
Agree	4	2	66.67%	Standard Deviation	0.58
Strongly Agree	5	1	33.33%		

3. The lab exercises had clear educational goals.



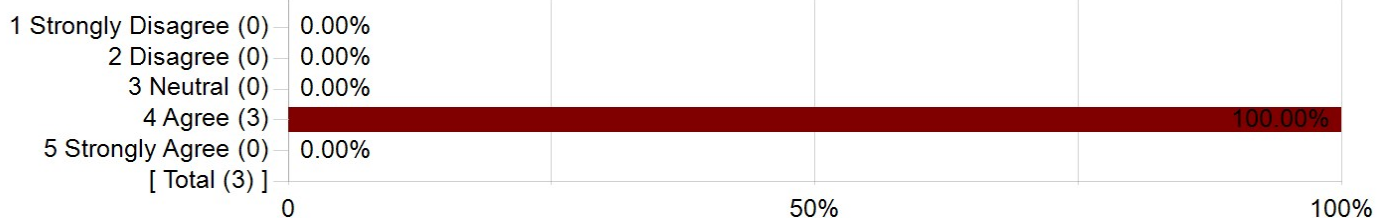
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	3
Disagree	2	0	0.00%	Mean	3.67
Neutral	3	1	33.33%	Median	4.00
Agree	4	2	66.67%	Standard Deviation	0.58
Strongly Agree	5	0	0.00%		

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



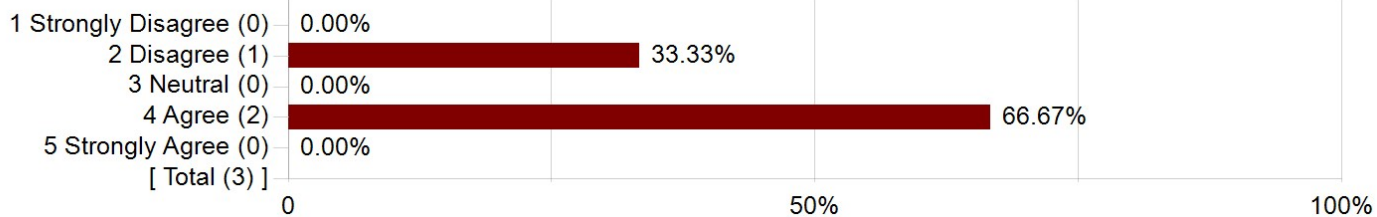
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	3
Disagree	2	0	0.00%	Mean	4.33
Neutral	3	0	0.00%	Median	4.00
Agree	4	2	66.67%	Standard Deviation	0.58
Strongly Agree	5	1	33.33%		

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	3
Disagree	2	0	0.00%	Mean	4.00
Neutral	3	0	0.00%	Median	4.00
Agree	4	3	100.00%	Standard Deviation	0.00
Strongly Agree	5	0	0.00%		

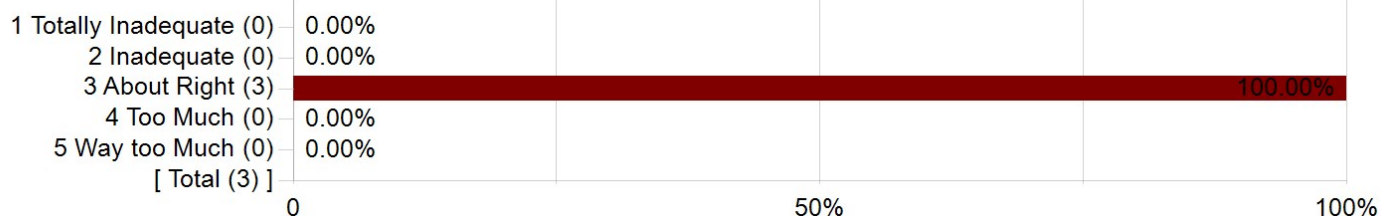
6. Overall, this was an excellent laboratory experience.



Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	3
Disagree	2	1	33.33%	Mean	3.33
Neutral	3	0	0.00%	Median	4.00
Agree	4	2	66.67%	Standard Deviation	1.15
Strongly Agree	5	0	0.00%		

The time allocated for completing the lab was:

The time allocated for completing the lab was:



Statistics	Value
Response Count	3
Mean	3.00
Median	3.00
Standard Deviation	0.00

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

I used the microscope a lot and got good at using it.

We learned how to pipette.

Please share any recommendations to improve the laboratory learning experience.

Comments

the labs were very tedious at some points which made them very irritating, maybe making them less tedious could be beneficial.