



BIOS 10140 7 - Inquiry-based Exploration of Biology - Instructor(s): Robert Bednarczyk

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

Number Enrolled: **25**

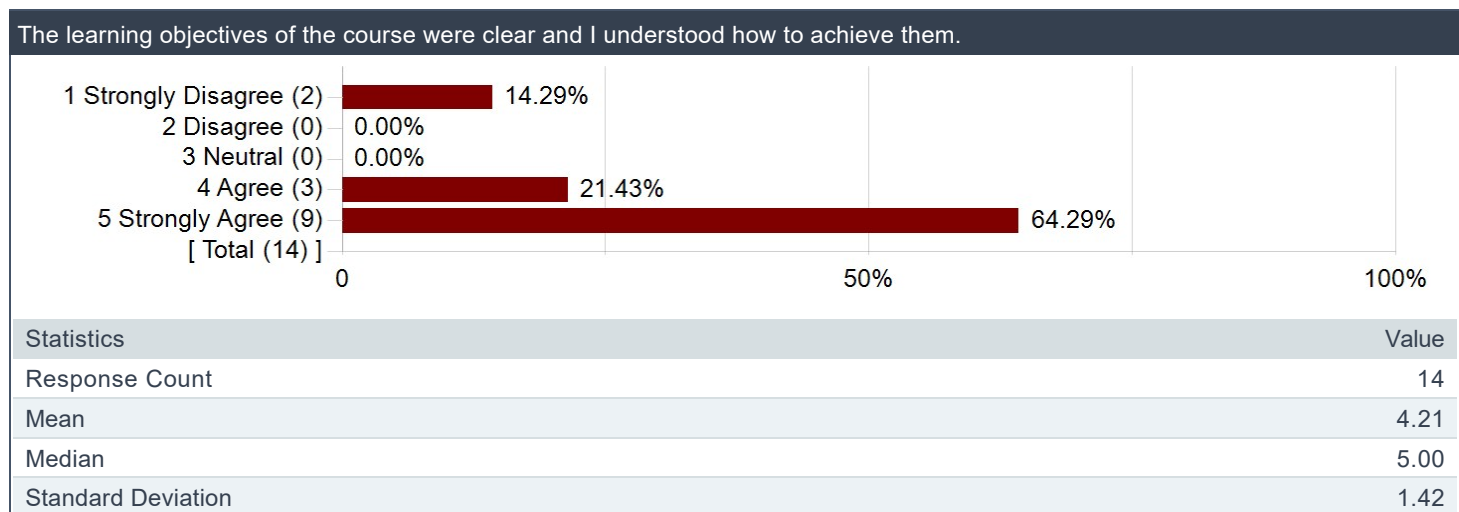
Number of Responses: **15**

Report Comments

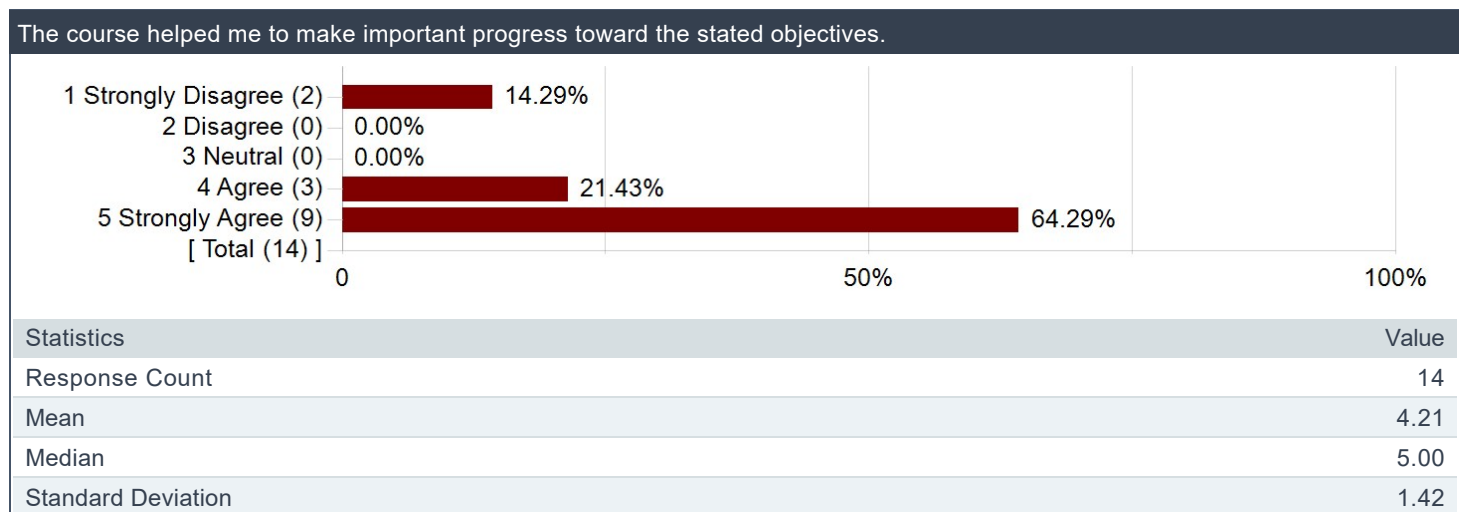
Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

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

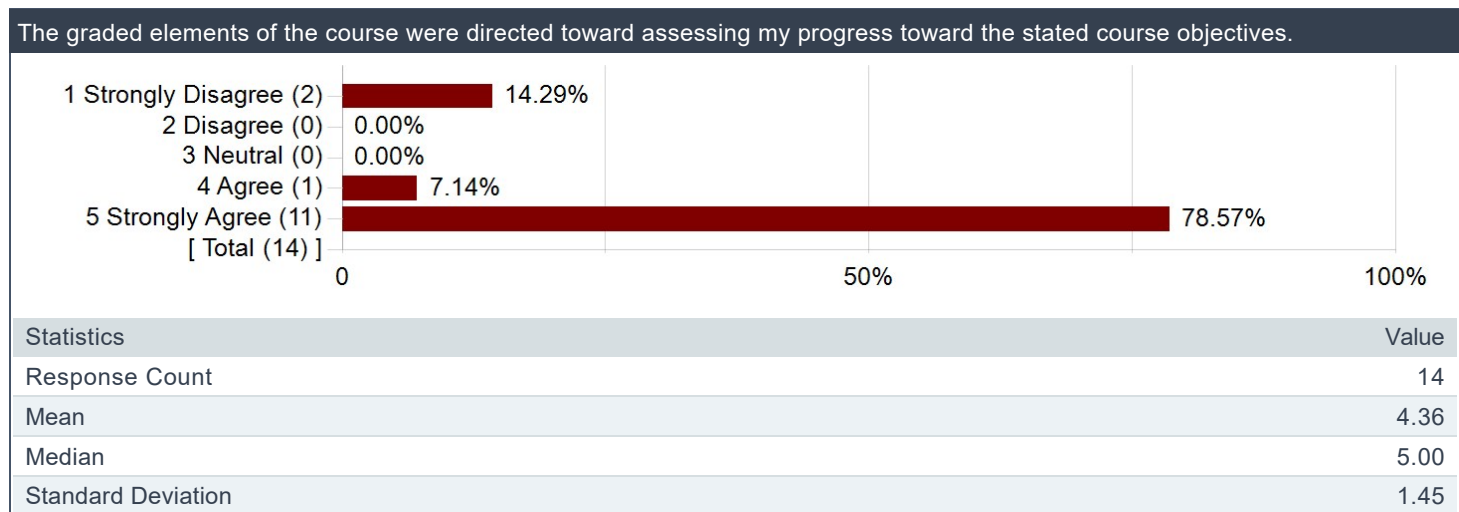
The learning objectives of the course were clear and I understood how to achieve them.



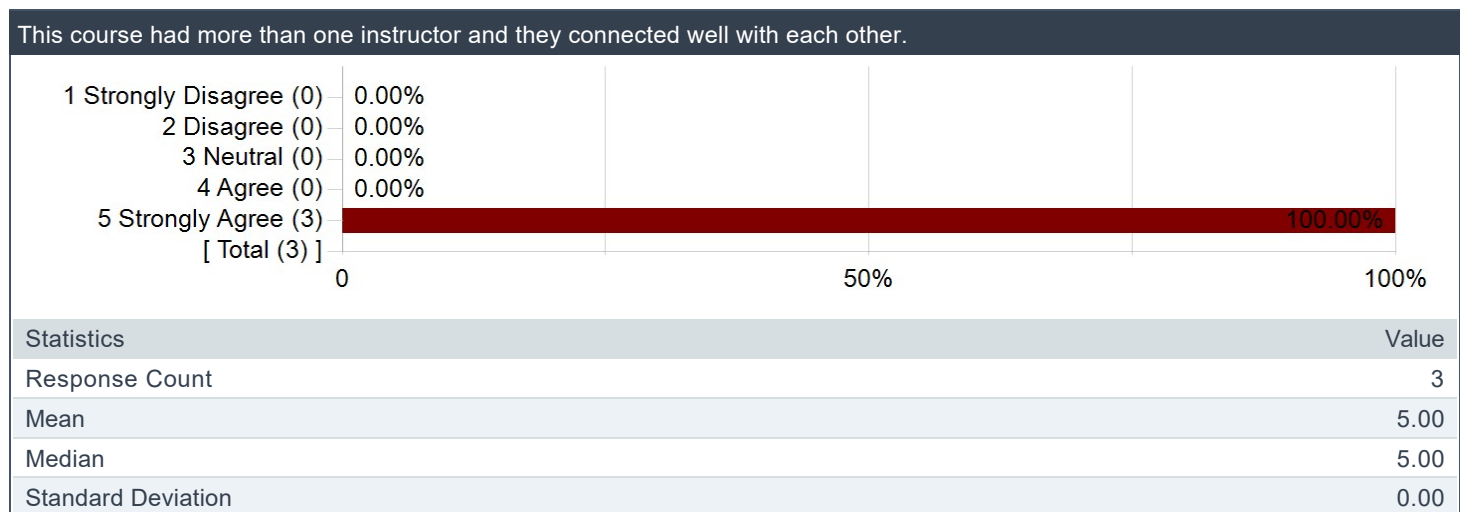
The course helped me to make important progress toward the stated objectives.



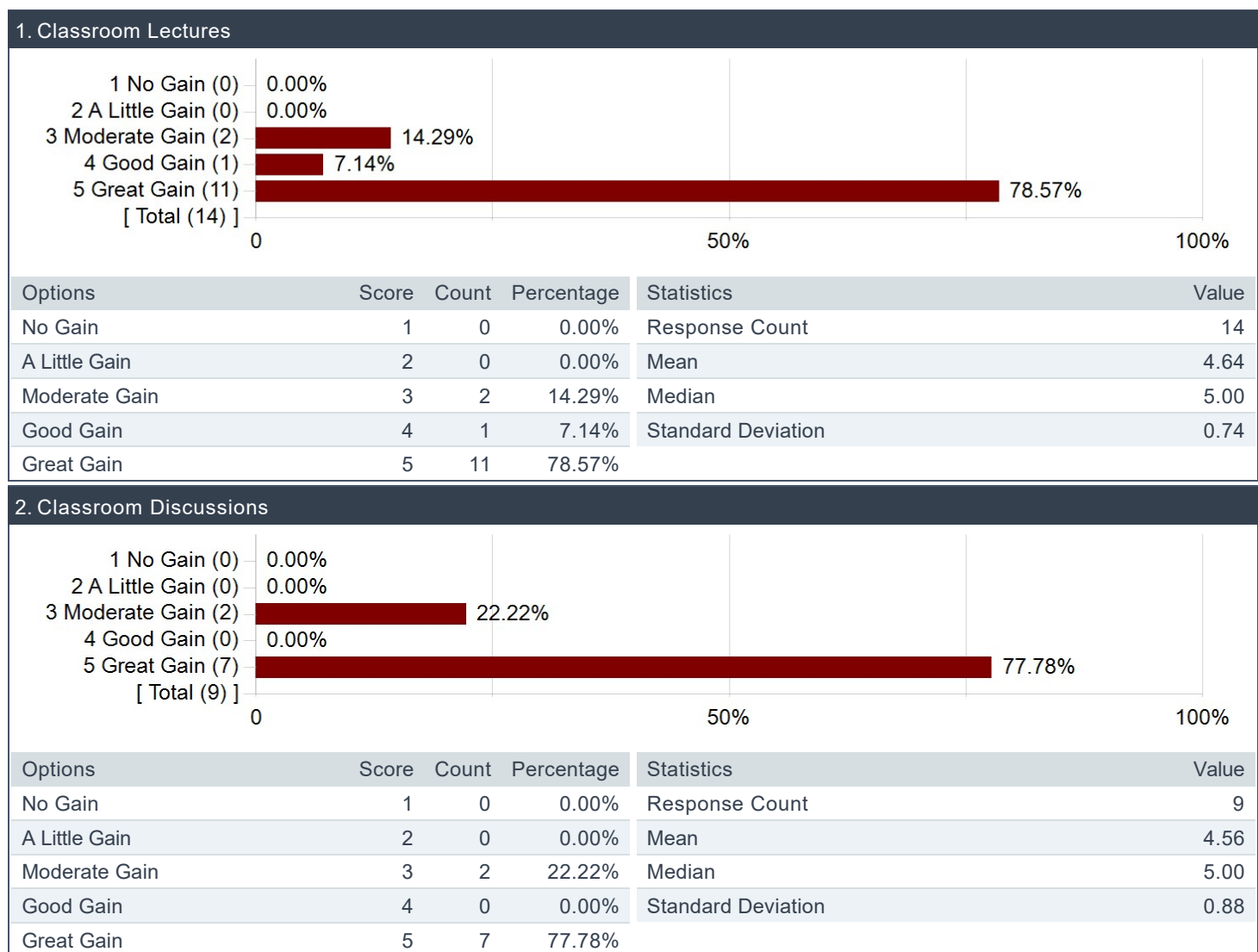
The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



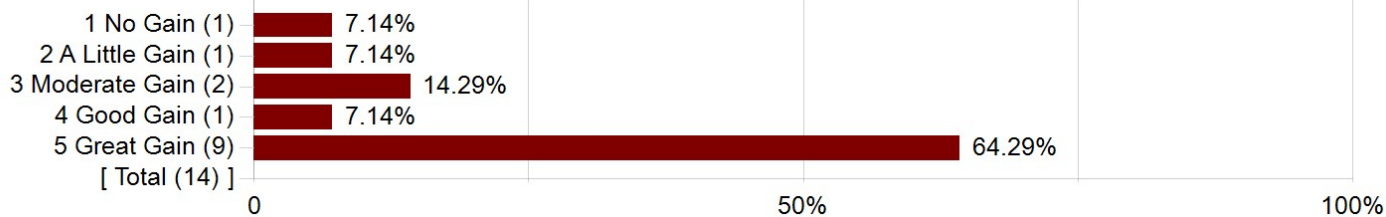
This course had more than one instructor and they connected well with each other.



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

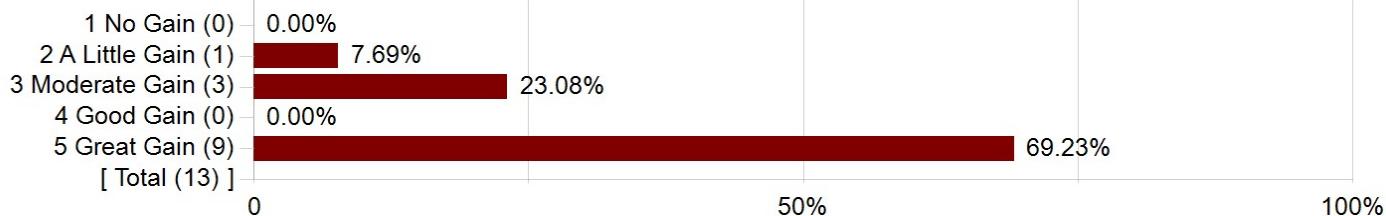


3. Assigned Readings



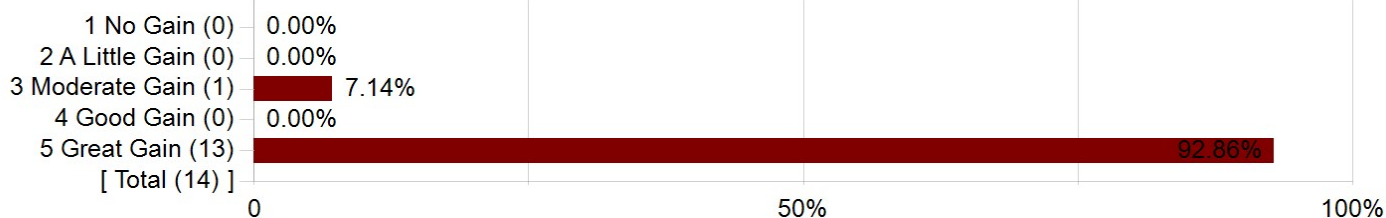
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	1	7.14%	Response Count	14
A Little Gain	2	1	7.14%	Mean	4.14
Moderate Gain	3	2	14.29%	Median	5.00
Good Gain	4	1	7.14%	Standard Deviation	1.35
Great Gain	5	9	64.29%		

4. Homework Exercises



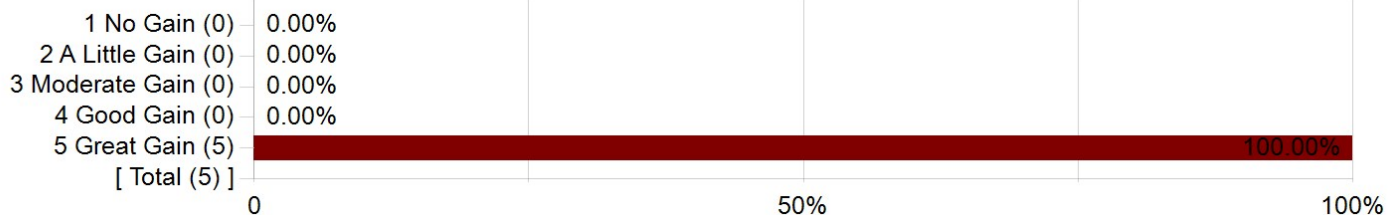
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	13
A Little Gain	2	1	7.69%	Mean	4.31
Moderate Gain	3	3	23.08%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	1.11
Great Gain	5	9	69.23%		

5. Lab Experiences



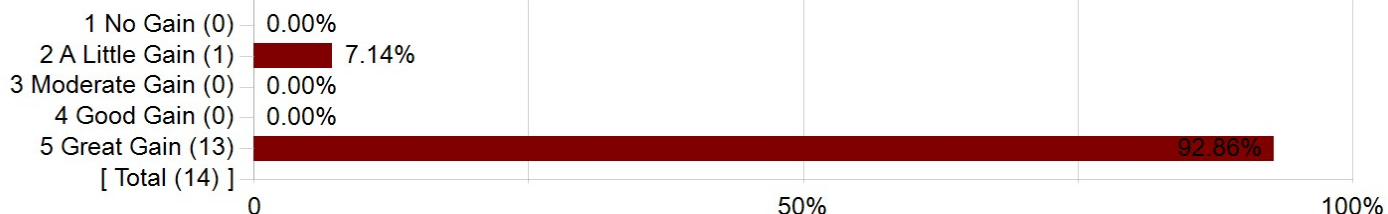
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	14
A Little Gain	2	0	0.00%	Mean	4.86
Moderate Gain	3	1	7.14%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.53
Great Gain	5	13	92.86%		

6. Discussion Sessions



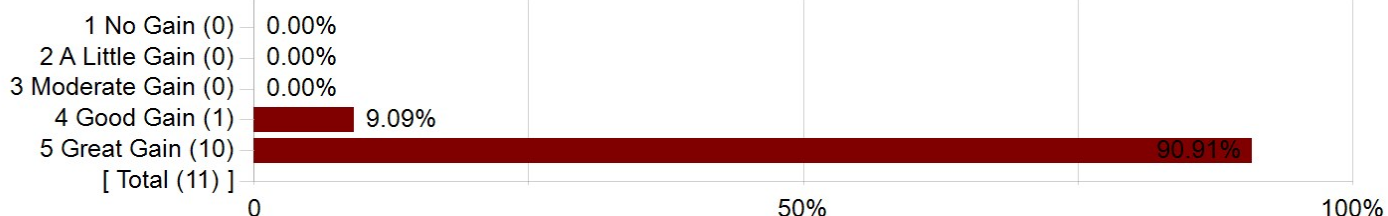
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	5
A Little Gain	2	0	0.00%	Mean	5.00
Moderate Gain	3	0	0.00%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.00
Great Gain	5	5	100.00%		

7. Review Sessions



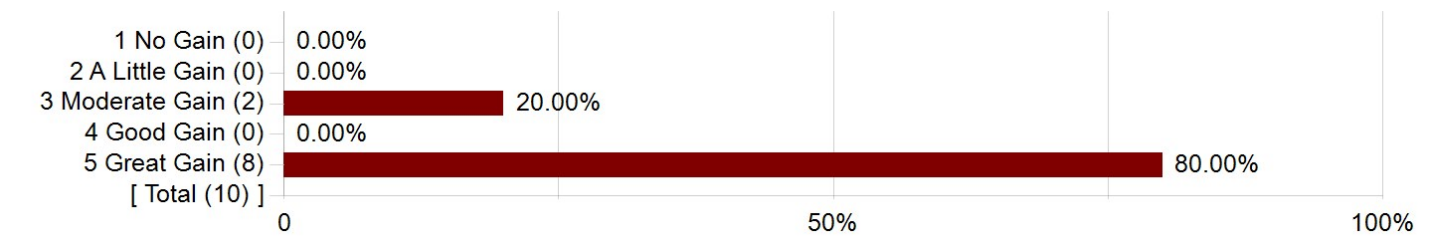
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	14
A Little Gain	2	1	7.14%	Mean	4.79
Moderate Gain	3	0	0.00%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.80
Great Gain	5	13	92.86%		

8. Interactions with Other Students



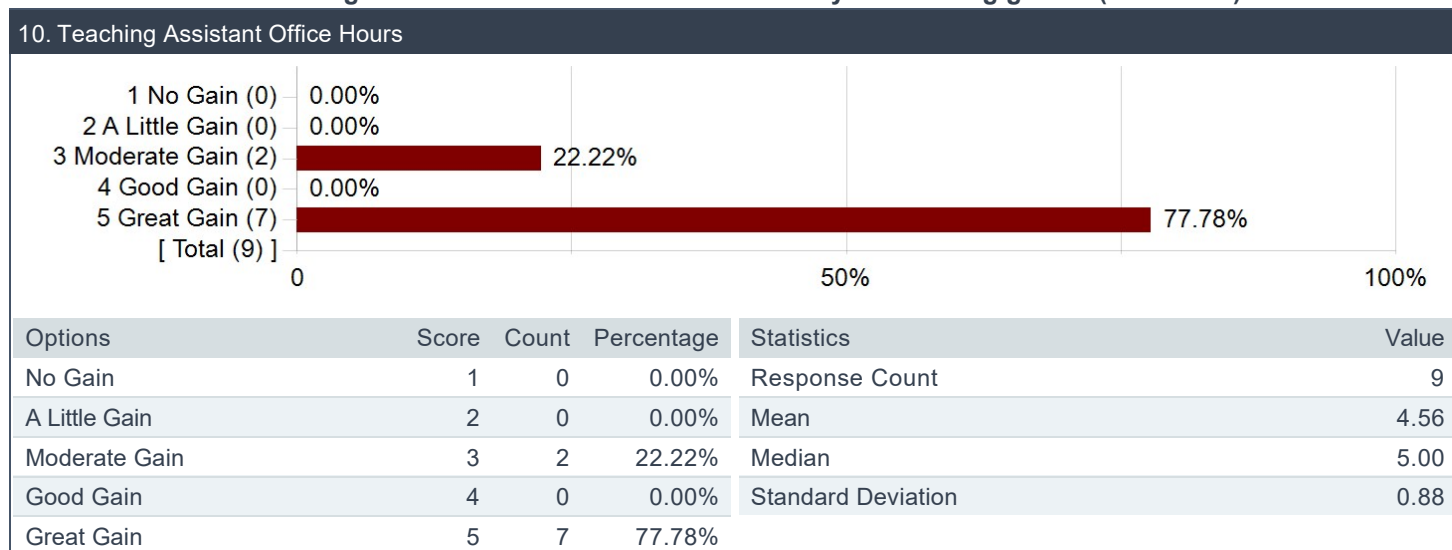
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	11
A Little Gain	2	0	0.00%	Mean	4.91
Moderate Gain	3	0	0.00%	Median	5.00
Good Gain	4	1	9.09%	Standard Deviation	0.30
Great Gain	5	10	90.91%		

9. Faculty Office Hours



Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	10
A Little Gain	2	0	0.00%	Mean	4.60
Moderate Gain	3	2	20.00%	Median	5.00
Good Gain	4	0	0.00%	Standard Deviation	0.84
Great Gain	5	8	80.00%		

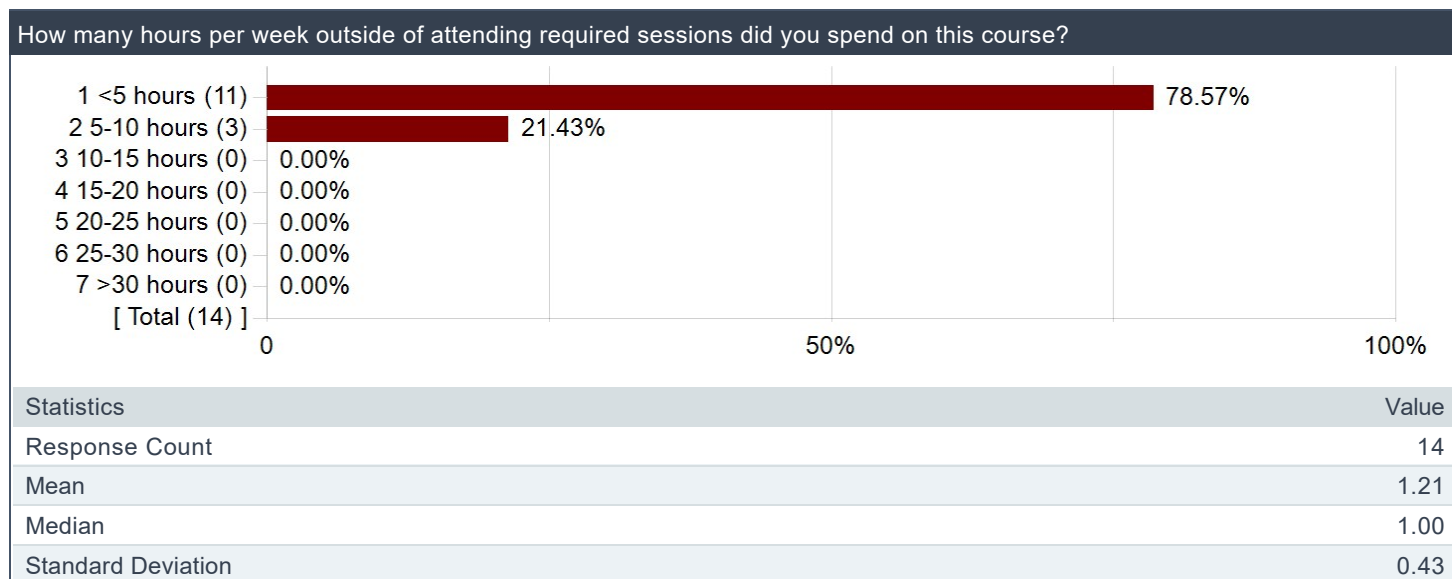
How much did the following elements of the course contribute to your learning gains? (continued)



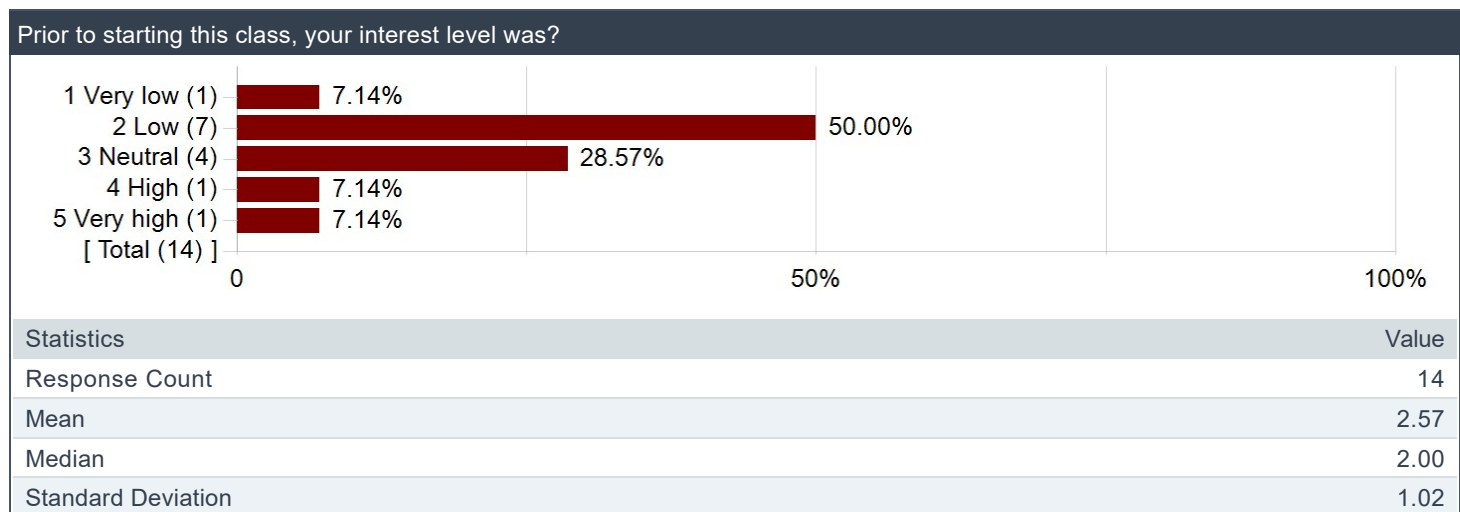
What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

Comments
The processes of completing lab experiments and synthesizing results into a project were the most important. When it came to the nitty gritty biology concepts that were on the quizzes, I was a bit lost and relied on memory rather than comprehension to answer questions.
Microbiology and antibiotic resistance. Nothing was unclear
Antibacterial resistance: how it develops and spreads, how it can be combated and why it should be combated. The nitty gritty of some cellular processes about DNA replication are unclear in my mind, but I understand the general idea.
Most important thing I learned is from the labs and I loved the on-hand experience.
How antibiotic resistance occurs and how to combat it

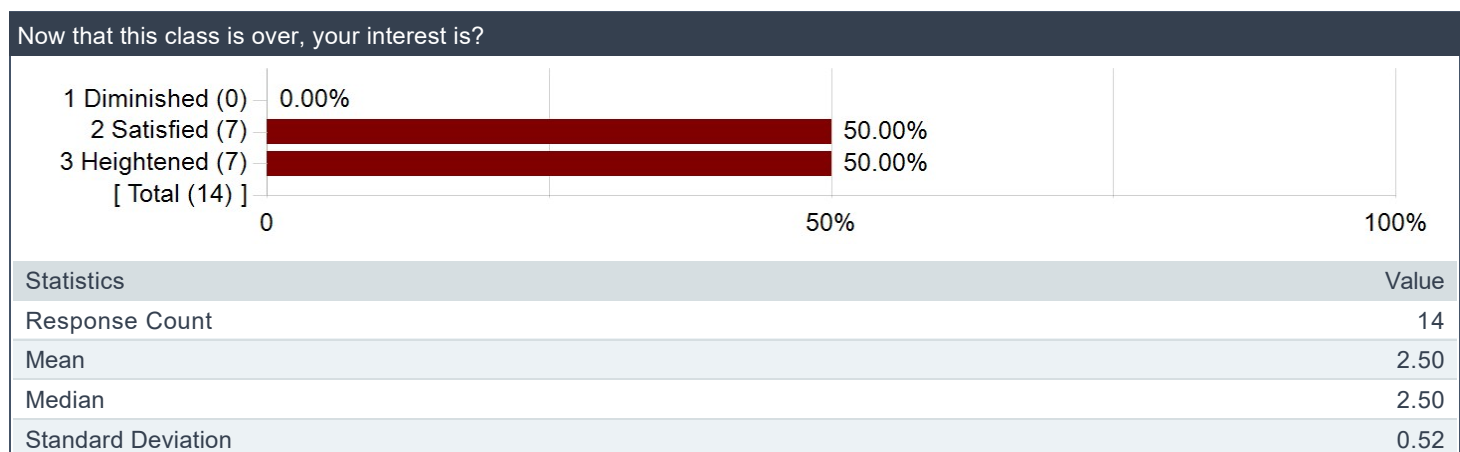
How many hours per week outside of attending required sessions did you spend on this course?



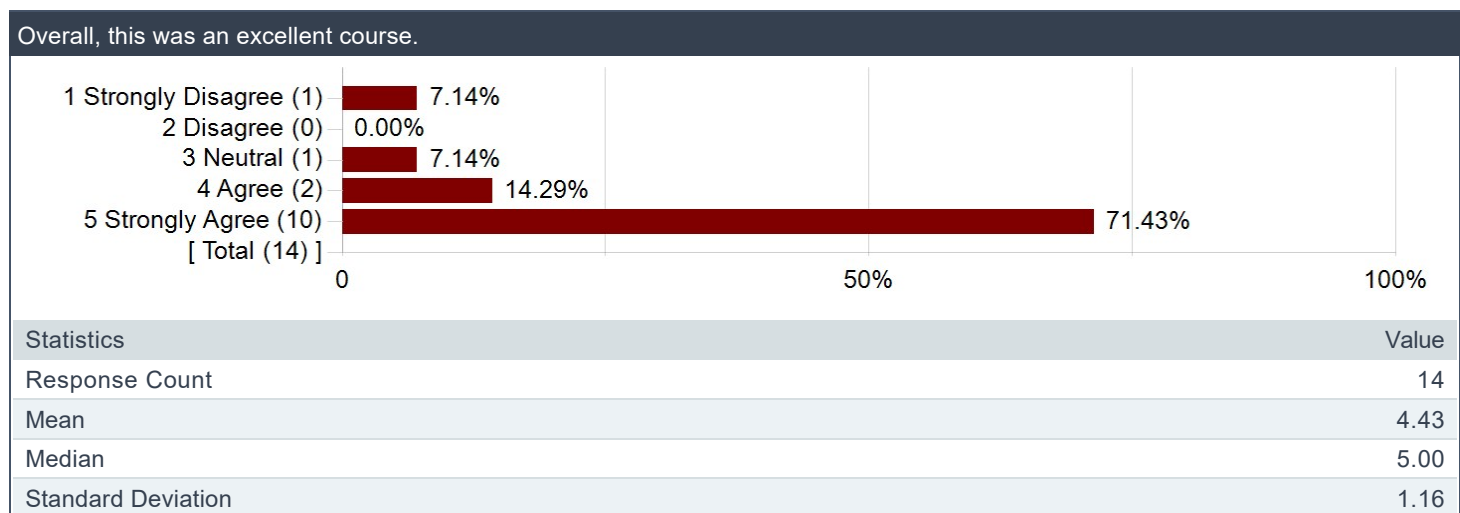
Prior to starting this class, your interest level was?



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.

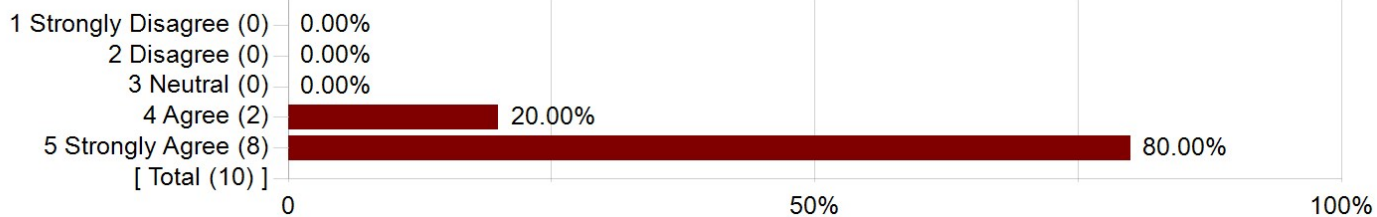
Comments
Great core bio course to take if you're looking to pass!
Look at the study guides for the quizzes as early as possible, and you should be all set! Take your time during labs and don't be shy —ask the TAs and Dr. B for help whenever you need it!
Definitely take this one. I put off taking core bio for so long because I had heard horrible things about other classes, but I was very fortunate to have taken this with Robert. There are no cumulative exams or papers, just quizzes and presentations. The quizzes are closed note in person, which I have not really had in other classes in a while.
Take it! It is not the easiest course but it is definitely not hard and with minimal studying + going to class, you can get an A and have a fun time doing experiments every class session. The subject matter is interesting, the instructor is nice, and the workload is not challenging. Good core bio class.
As long as you put in the work, this course is a great choice for any student (even if you don't have too much background in bio).
I think this is a great class for those without lots of experience in Bio.
There are 4 quizzes worth 40% of the grade in total. They aren't difficult and if you learn the material you will be fine but you would need to study for the quizzes

Laboratory Meetings

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

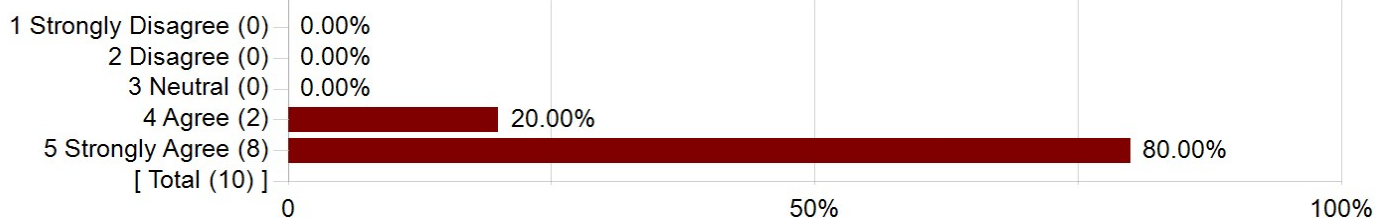
1. The laboratory protocols and instructions were clear and well organized.					
1 Strongly Disagree (0)	0.00%				
2 Disagree (0)	0.00%				
3 Neutral (0)	0.00%				
4 Agree (2)	20.00%				
5 Strongly Agree (8)	80.00%				
[Total (10)]					
0			50%		100%
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	10
Disagree	2	0	0.00%	Mean	4.80
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	20.00%	Standard Deviation	0.42
Strongly Agree	5	8	80.00%		
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)	20.00%				
5 Strongly Agree (8)	80.00%				
[Total (10)]					
0			50%		100%
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	10
Disagree	2	0	0.00%	Mean	4.80
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	20.00%	Standard Deviation	0.42
Strongly Agree	5	8	80.00%		

3. The lab exercises had clear educational goals.



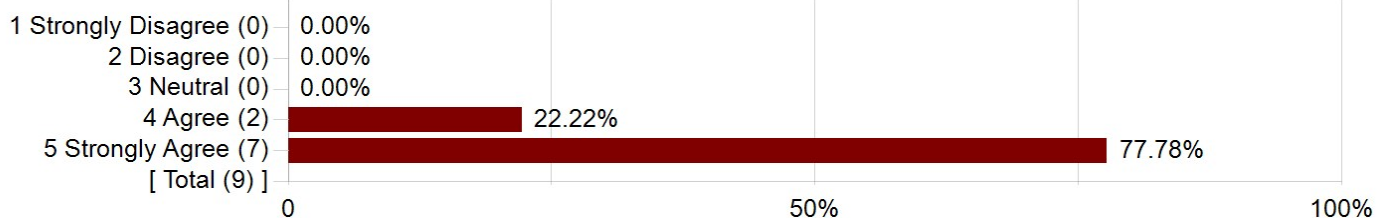
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	10
Disagree	2	0	0.00%	Mean	4.80
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	20.00%	Standard Deviation	0.42
Strongly Agree	5	8	80.00%		

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



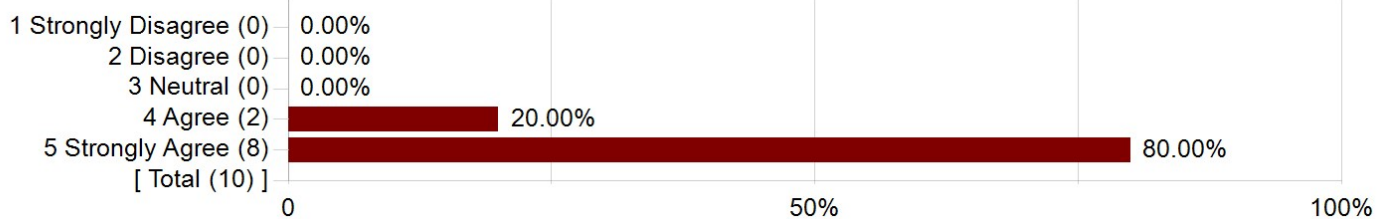
Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	10
Disagree	2	0	0.00%	Mean	4.80
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	20.00%	Standard Deviation	0.42
Strongly Agree	5	8	80.00%		

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	9
Disagree	2	0	0.00%	Mean	4.78
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	22.22%	Standard Deviation	0.44
Strongly Agree	5	7	77.78%		

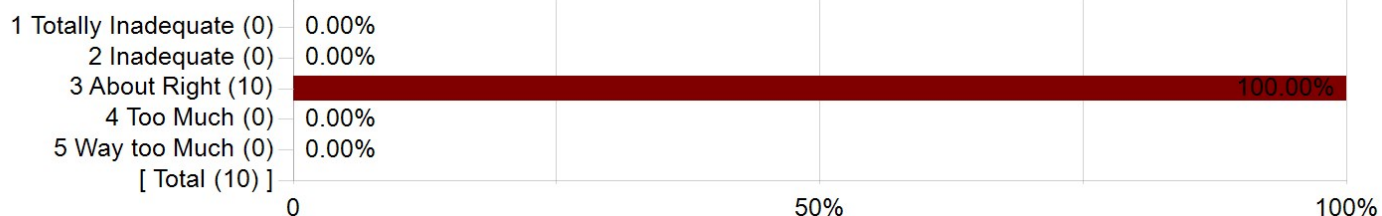
6. Overall, this was an excellent laboratory experience.



Options	Score	Count	Percentage	Statistics	Value
Strongly Disagree	1	0	0.00%	Response Count	10
Disagree	2	0	0.00%	Mean	4.80
Neutral	3	0	0.00%	Median	5.00
Agree	4	2	20.00%	Standard Deviation	0.42
Strongly Agree	5	8	80.00%		

The time allocated for completing the lab was:

The time allocated for completing the lab was:



Statistics	Value
Response Count	10
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

n.a

Please share any recommendations to improve the laboratory learning experience.

Comments

n.a