



BIOS 14117 1 - The Science and Art of Vision - Instructor(s): Carolyn Martineau

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

Number Enrolled: **15**

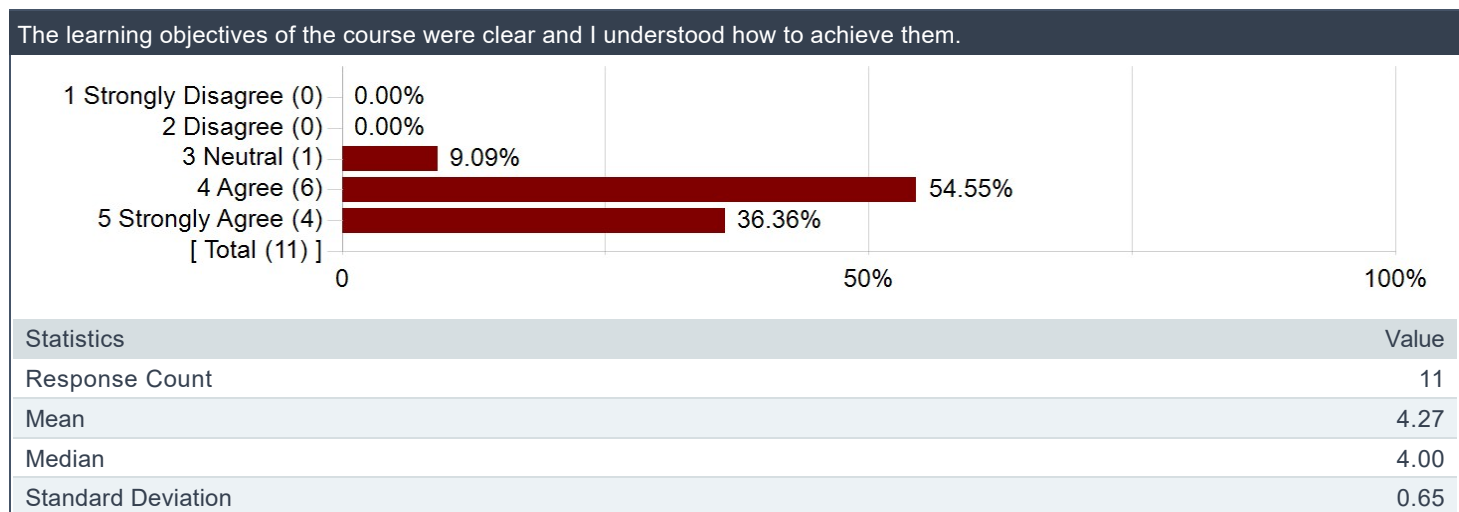
Number of Responses: **12**

Report Comments

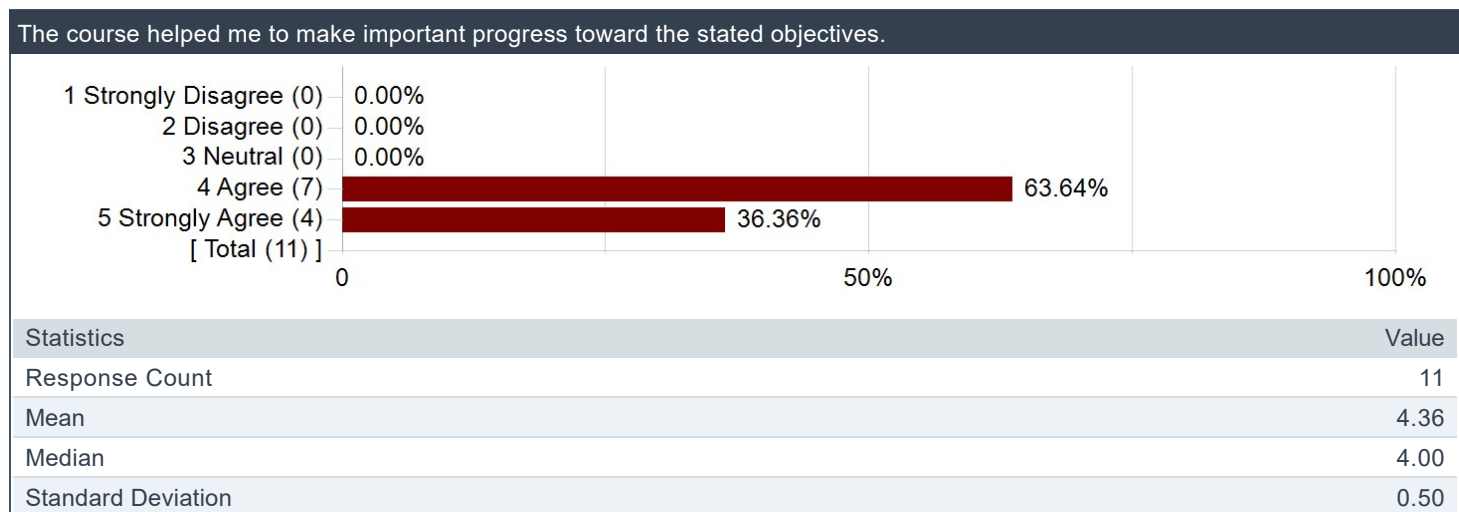
Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

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

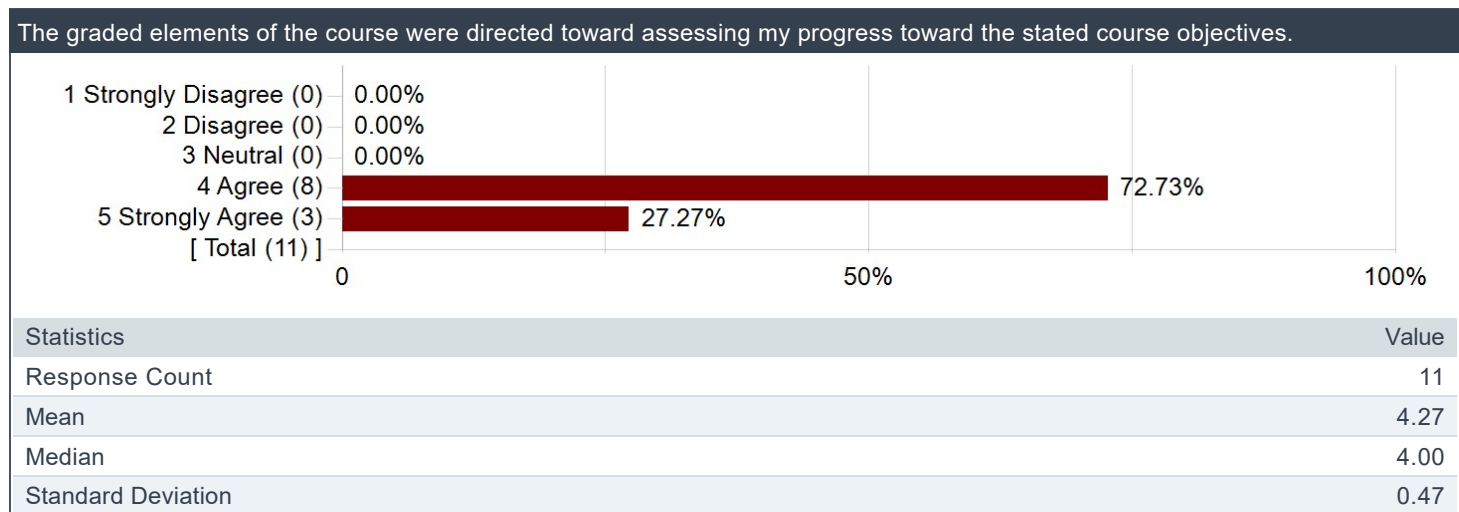
The learning objectives of the course were clear and I understood how to achieve them.



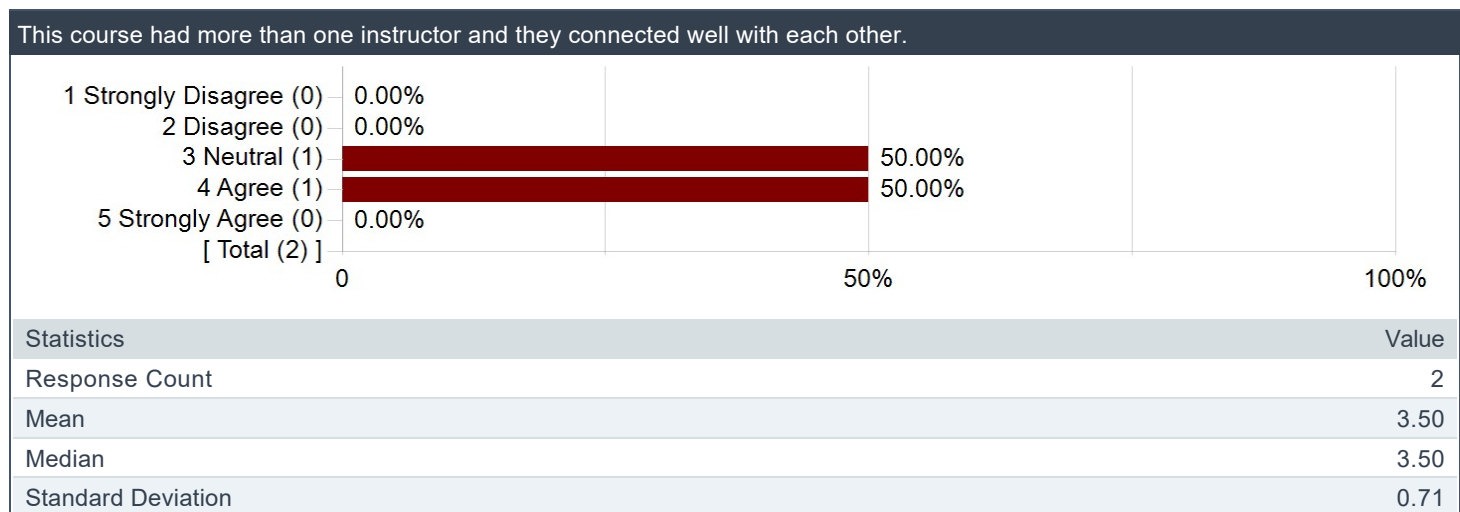
The course helped me to make important progress toward the stated objectives.



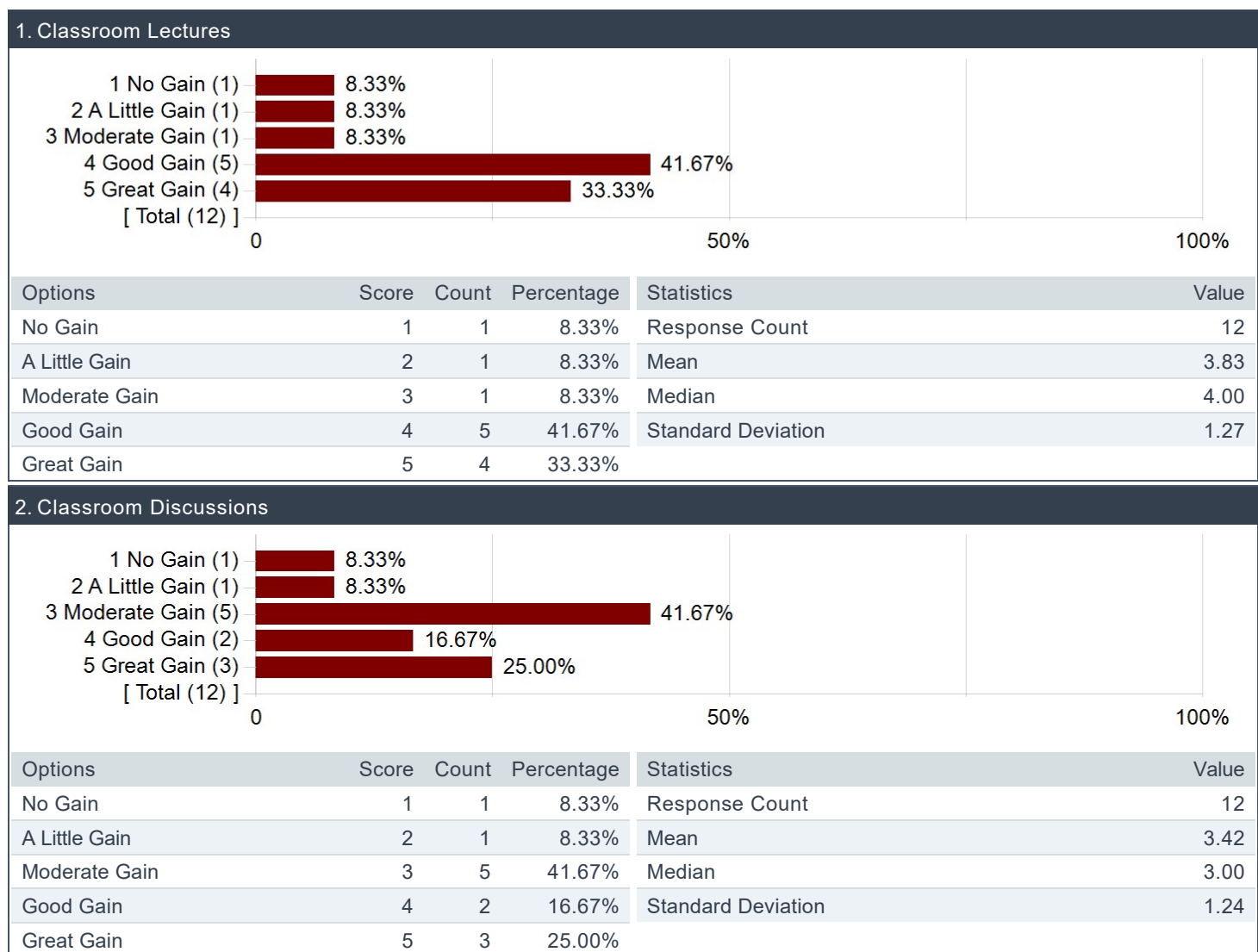
The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



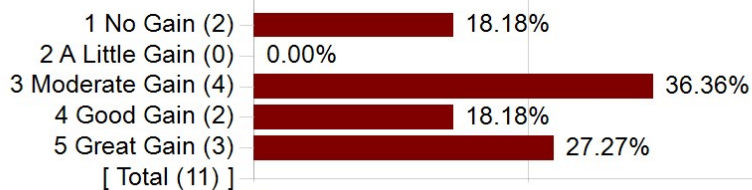
This course had more than one instructor and they connected well with each other.



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

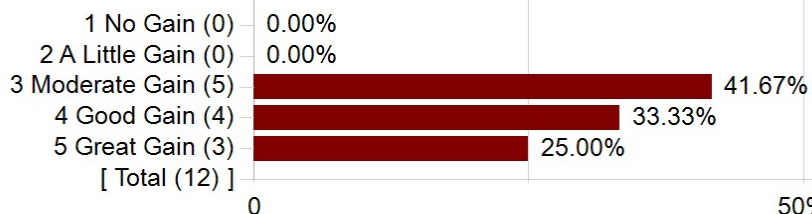


3. Assigned Readings



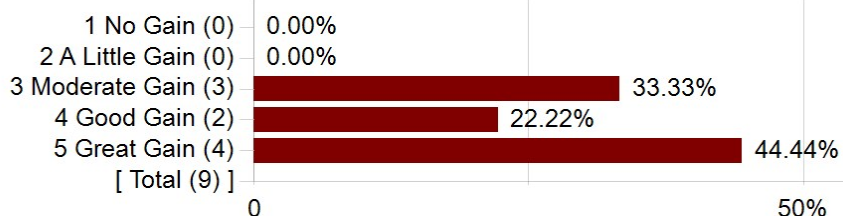
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	2	18.18%	Response Count	11
A Little Gain	2	0	0.00%	Mean	3.36
Moderate Gain	3	4	36.36%	Median	3.00
Good Gain	4	2	18.18%	Standard Deviation	1.43
Great Gain	5	3	27.27%		

4. Homework Exercises



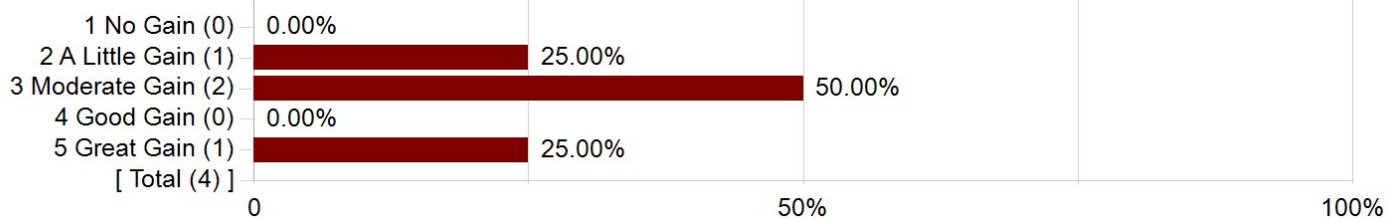
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	12
A Little Gain	2	0	0.00%	Mean	3.83
Moderate Gain	3	5	41.67%	Median	4.00
Good Gain	4	4	33.33%	Standard Deviation	0.83
Great Gain	5	3	25.00%		

5. Lab Experiences



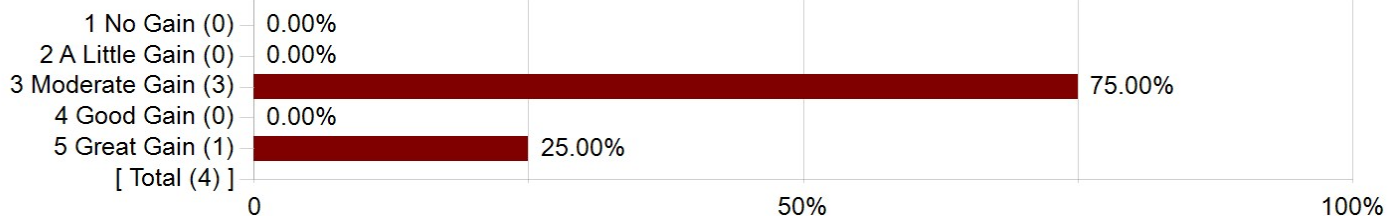
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	9
A Little Gain	2	0	0.00%	Mean	4.11
Moderate Gain	3	3	33.33%	Median	4.00
Good Gain	4	2	22.22%	Standard Deviation	0.93
Great Gain	5	4	44.44%		

6. Discussion Sessions



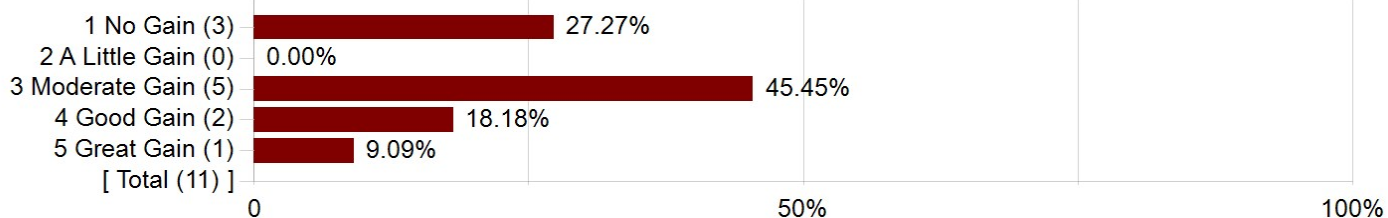
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	4
A Little Gain	2	1	25.00%	Mean	3.25
Moderate Gain	3	2	50.00%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	1.26
Great Gain	5	1	25.00%		

7. Review Sessions



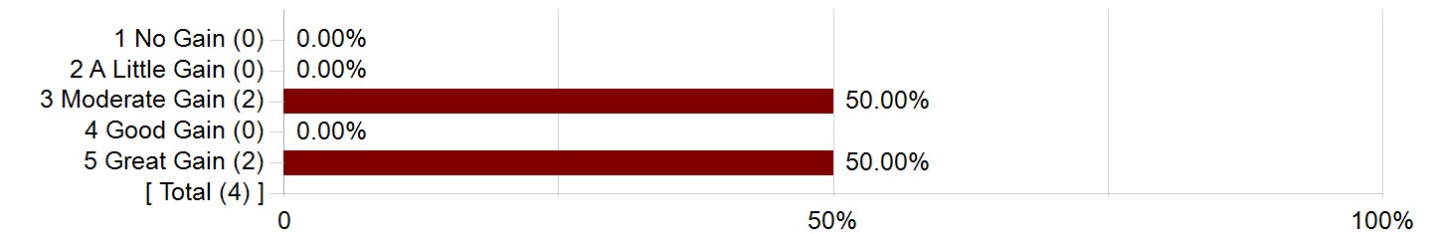
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	4
A Little Gain	2	0	0.00%	Mean	3.50
Moderate Gain	3	3	75.00%	Median	3.00
Good Gain	4	0	0.00%	Standard Deviation	1.00
Great Gain	5	1	25.00%		

8. Interactions with Other Students



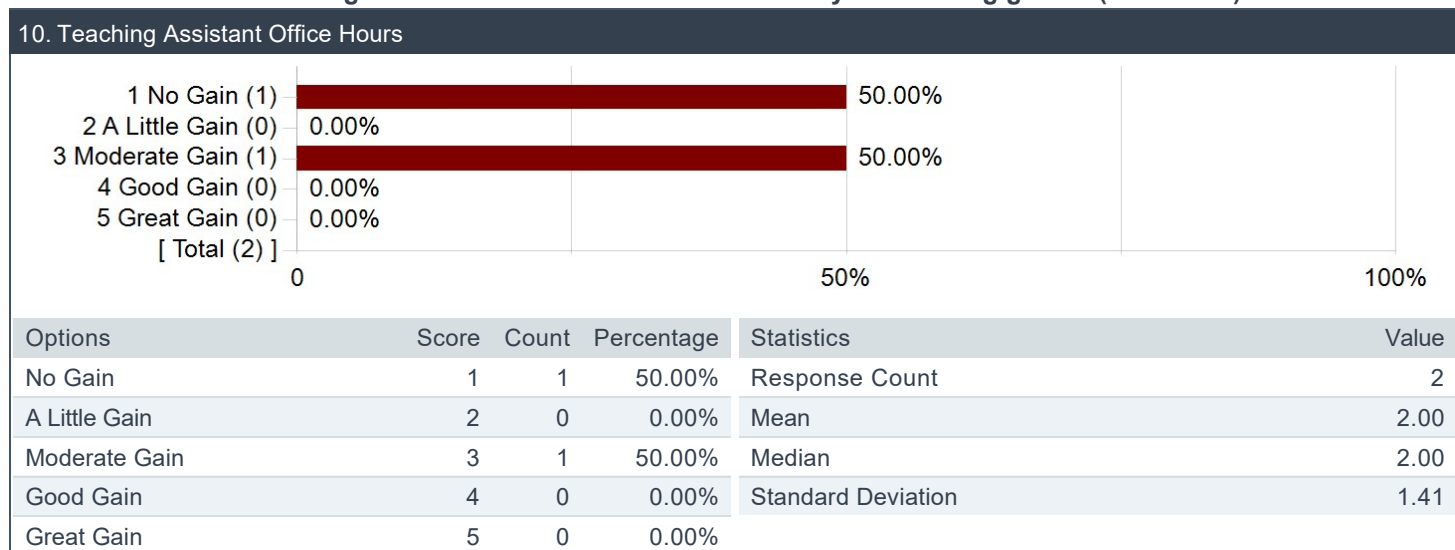
Options	Score	Count	Percentage	Statistics	Value
No Gain	1	3	27.27%	Response Count	11
A Little Gain	2	0	0.00%	Mean	2.82
Moderate Gain	3	5	45.45%	Median	3.00
Good Gain	4	2	18.18%	Standard Deviation	1.33
Great Gain	5	1	9.09%		

9. Faculty Office Hours



Options	Score	Count	Percentage	Statistics	Value
No Gain	1	0	0.00%	Response Count	4
A Little Gain	2	0	0.00%	Mean	4.00
Moderate Gain	3	2	50.00%	Median	4.00
Good Gain	4	0	0.00%	Standard Deviation	1.15
Great Gain	5	2	50.00%		

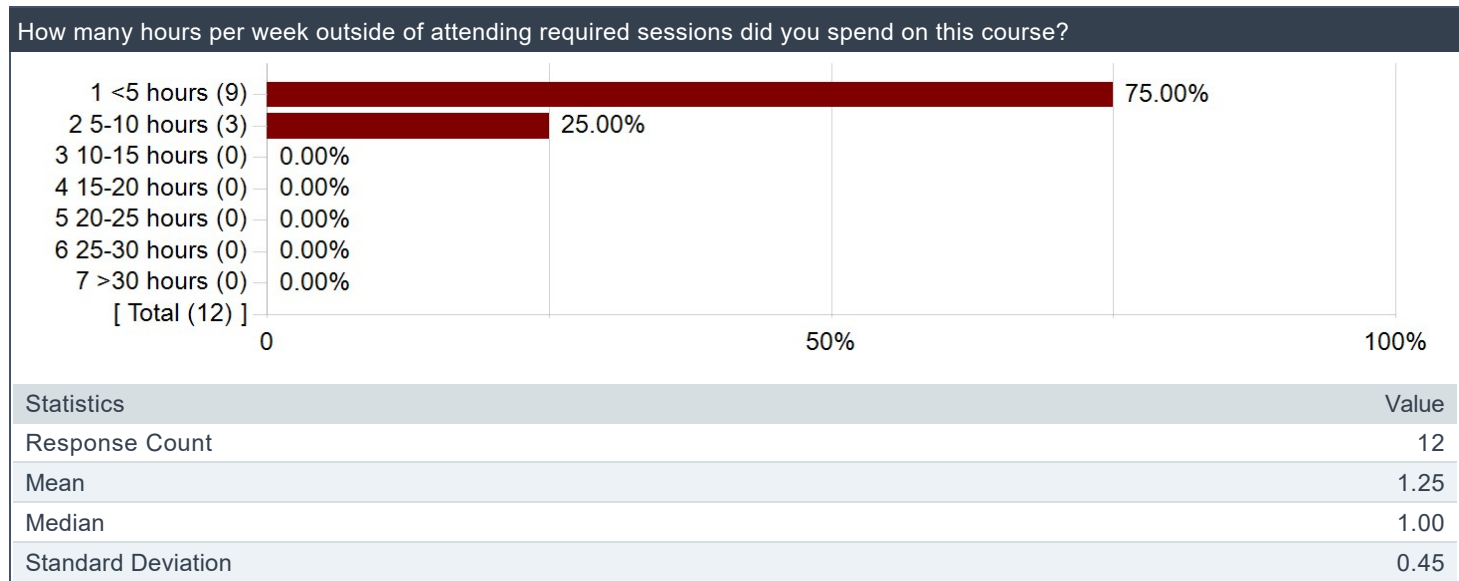
How much did the following elements of the course contribute to your learning gains? (continued)



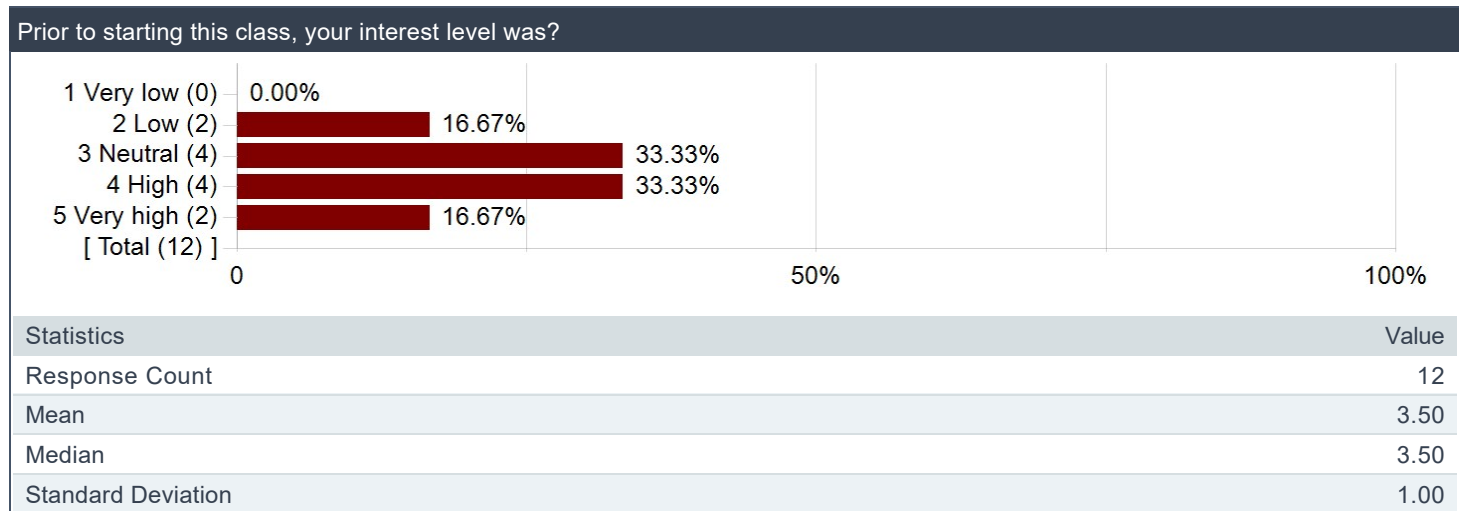
What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

Comments
That science is very prominent within art, in a variety of different forms – artists make use of neurological tendencies to convey messages/emotions in their works.
How our visual system helps us understand the world around us — some cool illusions
The content was difficult to me since I don't have much of a background in this kind of science, so it scared me off a bit at first. Eventually managed to catch up. There was a lot of memorization for this course, so there are a lot of things that I don't quite feel like I fully understood by the end
Just general know all about how biology links to visual perception
anatomy of color vision and its relation to painting
Learning about mechanisms at play with the perception of different artistic techniques was interesting.
That perception is subjective
Gained a general understanding of the physiological and neurological mechanisms behind sight and vision.
I would like to get more into the physical convolutional structures of the visual system, e.g. getting deeper into the

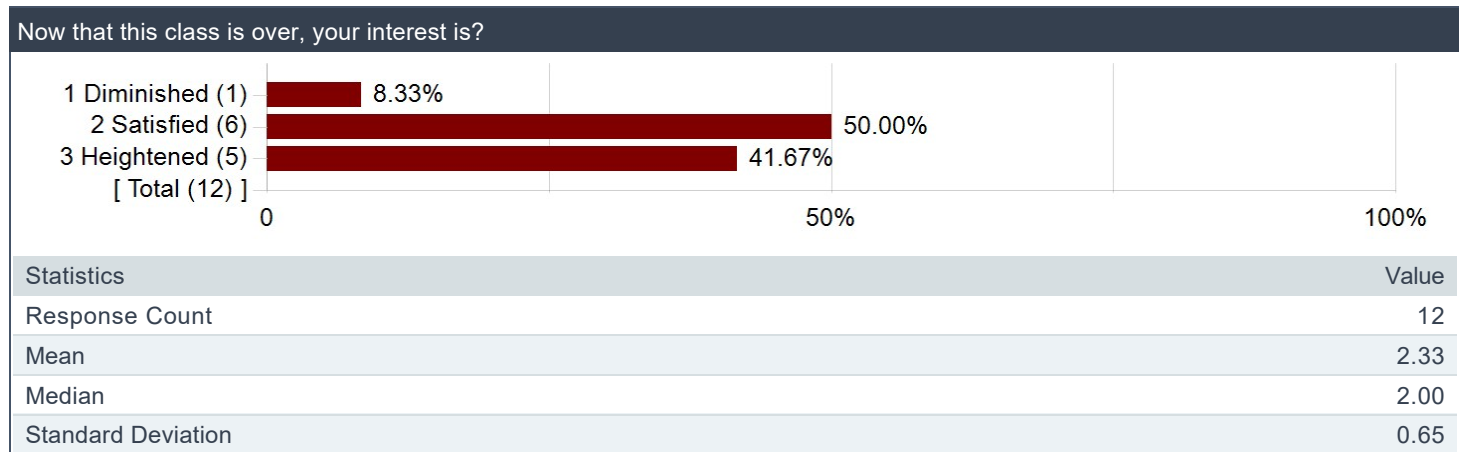
How many hours per week outside of attending required sessions did you spend on this course?



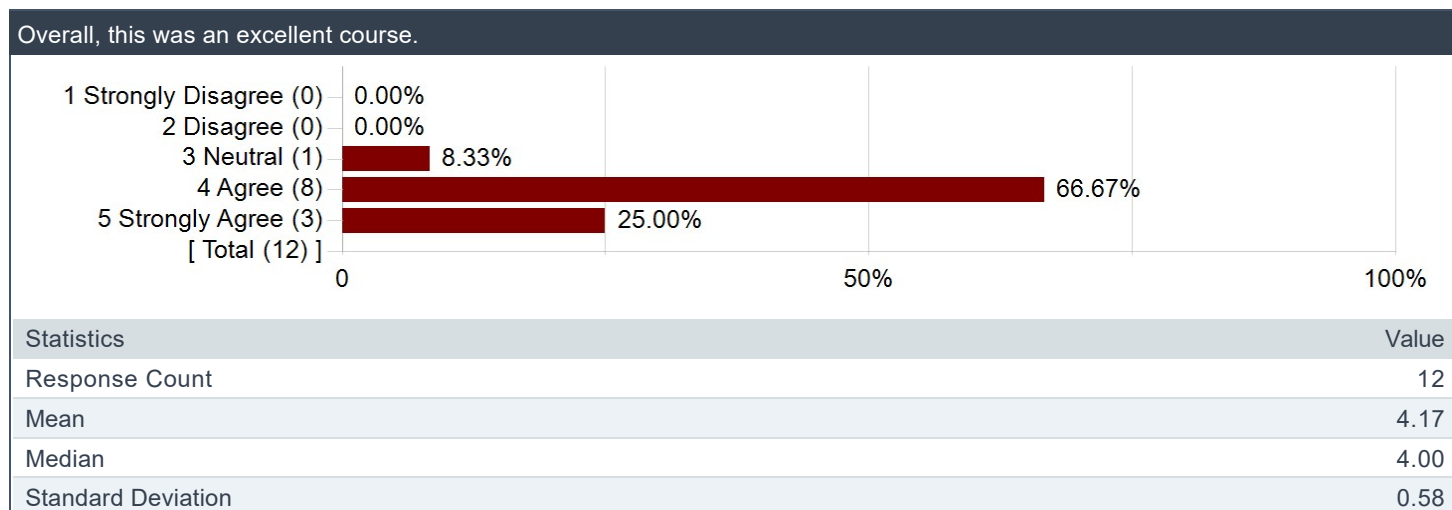
Prior to starting this class, your interest level was?



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
Thought this class was really cool, honestly took it because I didn't have anything else but Professor Martineau is wonderful
NA
Professor Martineau is really kind. Actually go to class (there's in class work!)
easy class, very straightforward
The subject material is incredibly fun, and Professor Martineau, while she doesn't require a lot out of you in the course, is a great resource to deepen your understanding.

Laboratory Meetings

Please comment on how well this class met your expectations for a biology topics course based on prior Core courses.

Comments
This class was newly introduced this quarter, and I'm definitely glad that I took it. I think that the blend between Art and Science is a great approach to a Core biology class in that it strikes a balance between technical scientific knowledge and subjectivity.
Decently easy
NA
I'm not a science person. I think it met expectations. I took it because it fit my schedule.
Well
Had not taken prior bio topics
This class met my expectations well. Since its a class for non-stem majors the amount of in depth scientific information it can cover is limited, but I think this class did a good job of getting in as much real science as possible while still being very accessible to those with no scientific background. With that being said I think the class lectures were structured well enough that even more in-depth scientific discussions would be possible without them being inaccessible to a student with no scientific background

Please comment on how well your science background and assigned readings prepared you to engage with course content.

Comments
No prior biology knowledge is needed for this course
Not much science background I took IBL but this was chill
NA
I'm not a STEM major. Readings were really hard so I mainly relied on the lectures.
Well
Felt well prepared
As a stem major with a lot of experience taking science/math heavy classes, I think the content in this class was easier for me to engage with than it would be for some others, however the subject I study is not especially closely tied to biology or neuroscience, so I was not especially more knowledgeable about the scientific aspects of the course going in than the average student would be.

Please comment on topics and/or activities that contributed most to your interest in and/or engagement with course material.

Comments
I really enjoyed the visit to the SMART Museum – it helped me to apply what I learned in class. Homework worksheets were also interesting and entertaining to complete!
NA
Reading and rereading lecture slides.
Liked interactive parts
the whole concept of connecting the biology and neuroscience of vision to how we appreciate art is a fundamentally very interesting to me, so it was very easy for me to stay engaged in the course material.

Please comment on topics and/or activities that best supported the development of your scientific knowledge and/or skills.

Comments
NA
Lab was good for this; wish we had done it a little later so i could have understood core concepts better
I think frontloading the course with a lot of the harder science was a good decision, as it provided a good foundation for the rest of the course early on, and made subsequent lectures easy to understand.