BIOS 15115 1 - Cancer Biology: How Good Cells Go Bad - Instructor(s): Mitchel L Villereal

Project Title: **College Course Feedback - Winter 2024**

Number Enrolled: **47**
Number of Responses: **28**

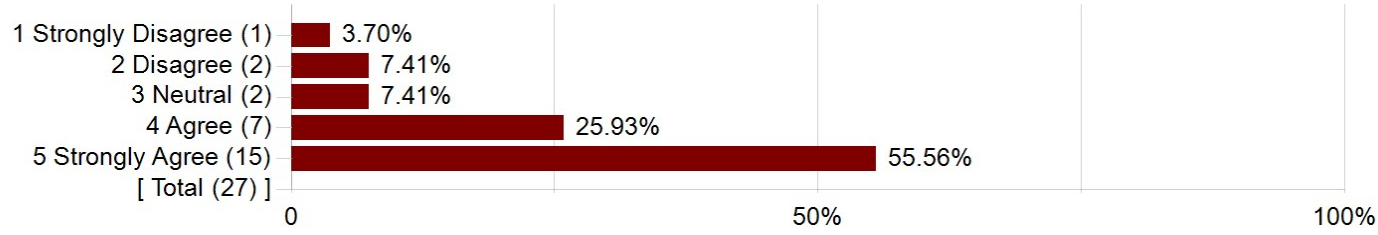
Report Comments

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

Creation Date: **Thursday, March 28, 2024**

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

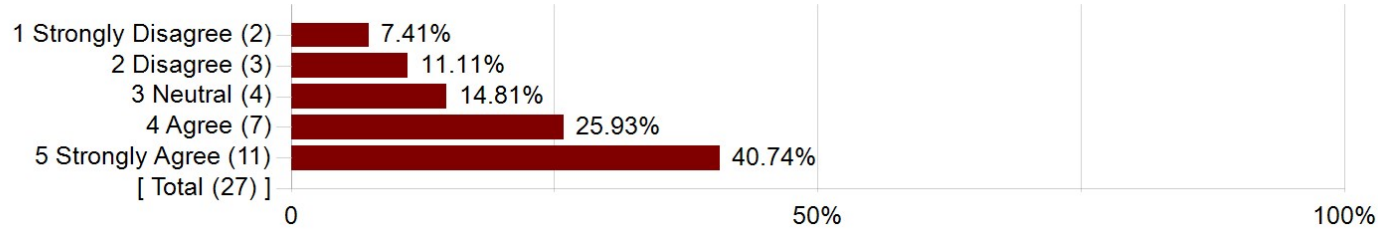
The learning objectives of the course were clear and I understood how to achieve them.



Statistics	Value
Response Count	27
Mean	4.22
Median	5.00
Standard Deviation	1.12

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

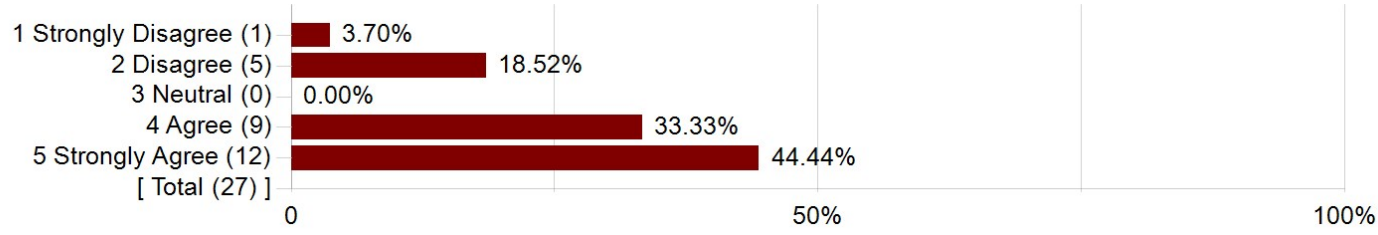
The course helped me to make important progress toward the stated objectives.



Statistics	Value
Response Count	27
Mean	3.81
Median	4.00
Standard Deviation	1.30

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

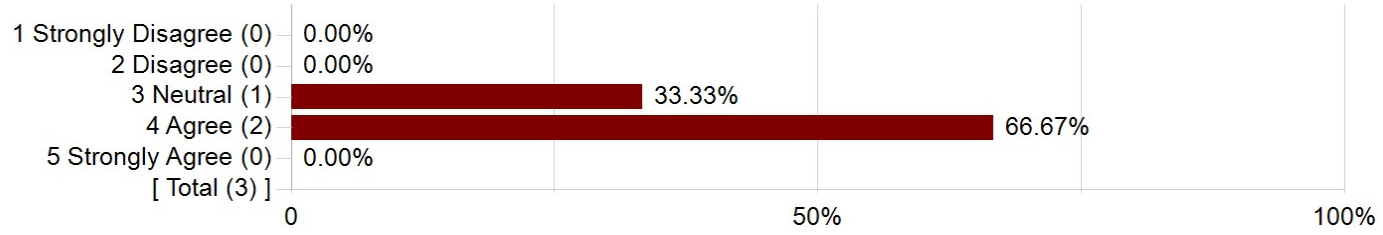
The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



Statistics	Value
Response Count	27
Mean	3.96
Median	4.00
Standard Deviation	1.26

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

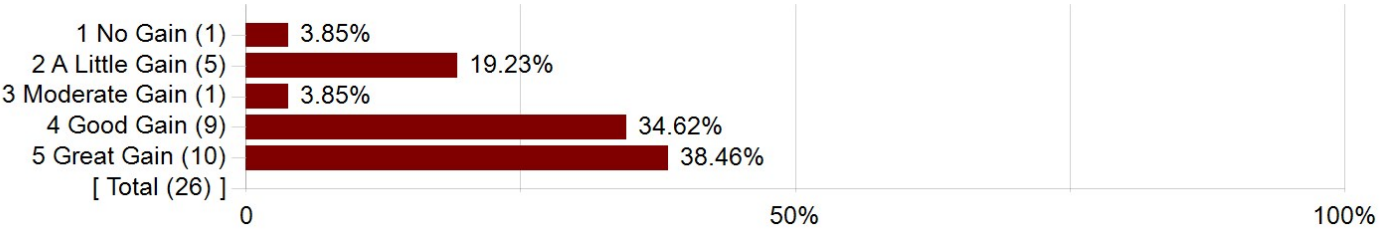
This course had more than one instructor and they connected well with each other.



Statistics	Value
Response Count	3
Mean	3.67
Median	4.00
Standard Deviation	0.58

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

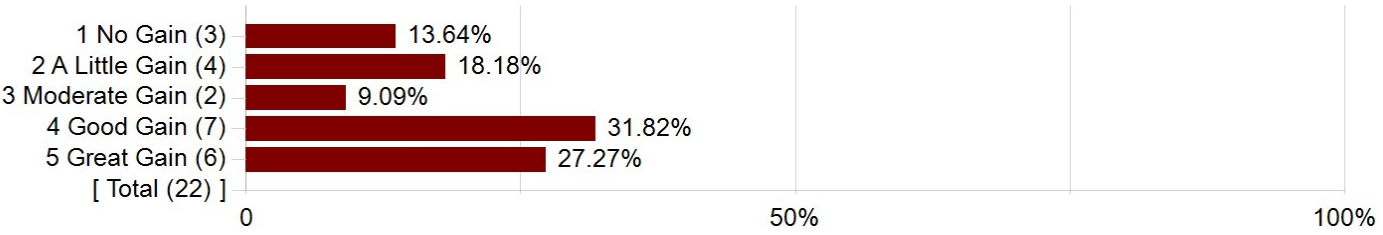
1. Classroom Lectures



Options	Score	Count	Percentage
No Gain	1	1	3.85%
A Little Gain	2	5	19.23%
Moderate Gain	3	1	3.85%
Good Gain	4	9	34.62%
Great Gain	5	10	38.46%

Statistics	Value
Response Count	26
Mean	3.85
Median	4.00
Standard Deviation	1.26

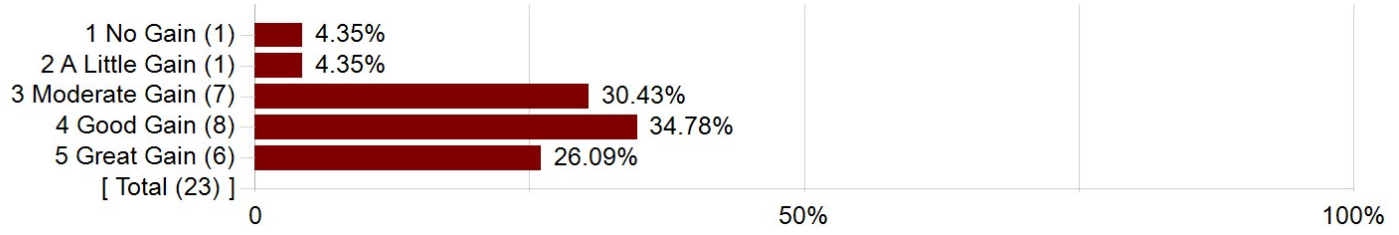
2. Classroom Discussions



Options	Score	Count	Percentage
No Gain	1	3	13.64%
A Little Gain	2	4	18.18%
Moderate Gain	3	2	9.09%
Good Gain	4	7	31.82%
Great Gain	5	6	27.27%

Statistics	Value
Response Count	22
Mean	3.41
Median	4.00
Standard Deviation	1.44

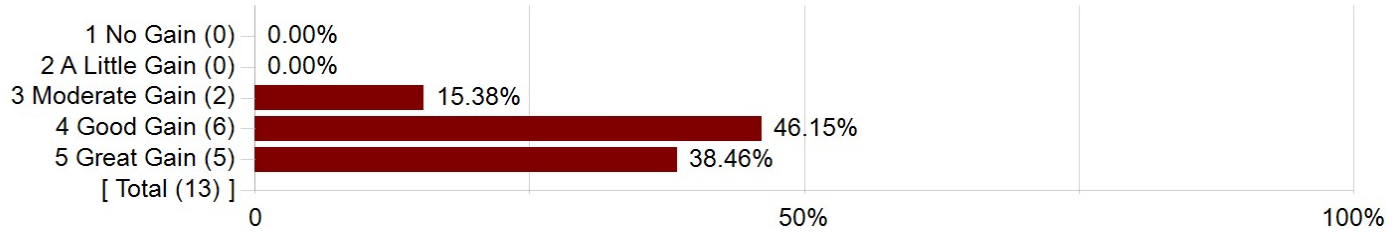
3. Assigned Readings



Options	Score	Count	Percentage
No Gain	1	1	4.35%
A Little Gain	2	1	4.35%
Moderate Gain	3	7	30.43%
Good Gain	4	8	34.78%
Great Gain	5	6	26.09%

Statistics	Value
Response Count	23
Mean	3.74
Median	4.00
Standard Deviation	1.05

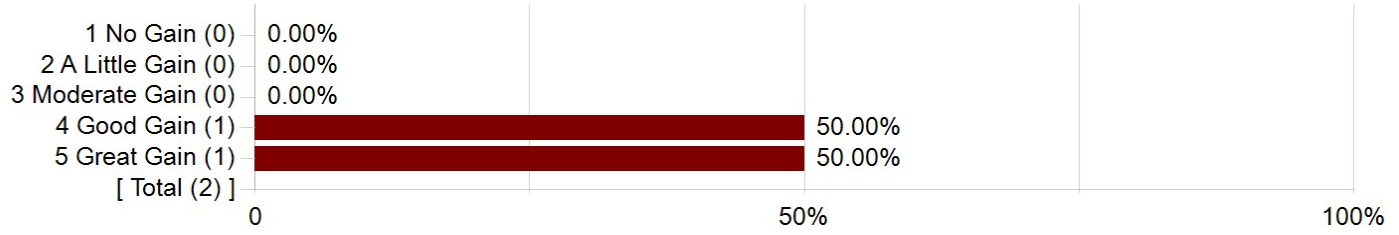
4. Homework Exercises



Options	Score	Count	Percentage
No Gain	1	0	0.00%
A Little Gain	2	0	0.00%
Moderate Gain	3	2	15.38%
Good Gain	4	6	46.15%
Great Gain	5	5	38.46%

Statistics	Value
Response Count	13
Mean	4.23
Median	4.00
Standard Deviation	0.73

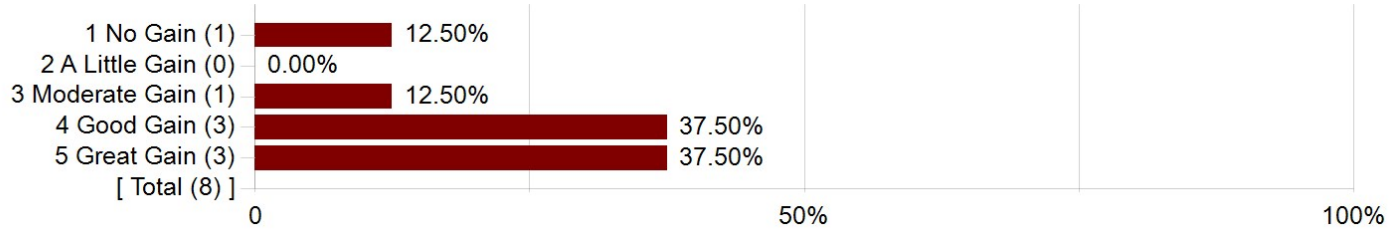
5. Lab Experiences



Options	Score	Count	Percentage
No Gain	1	0	0.00%
A Little Gain	2	0	0.00%
Moderate Gain	3	0	0.00%
Good Gain	4	1	50.00%
Great Gain	5	1	50.00%

Statistics	Value
Response Count	2
Mean	4.50
Median	4.50
Standard Deviation	0.71

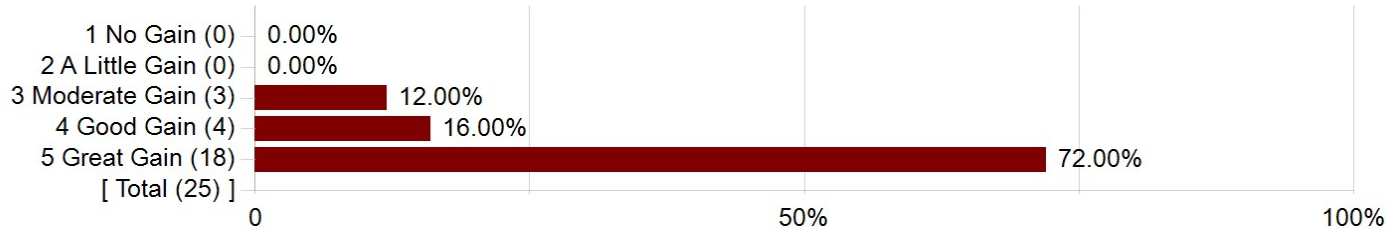
6. Discussion Sessions



Options	Score	Count	Percentage
No Gain	1	1	12.50%
A Little Gain	2	0	0.00%
Moderate Gain	3	1	12.50%
Good Gain	4	3	37.50%
Great Gain	5	3	37.50%

Statistics	Value
Response Count	8
Mean	3.88
Median	4.00
Standard Deviation	1.36

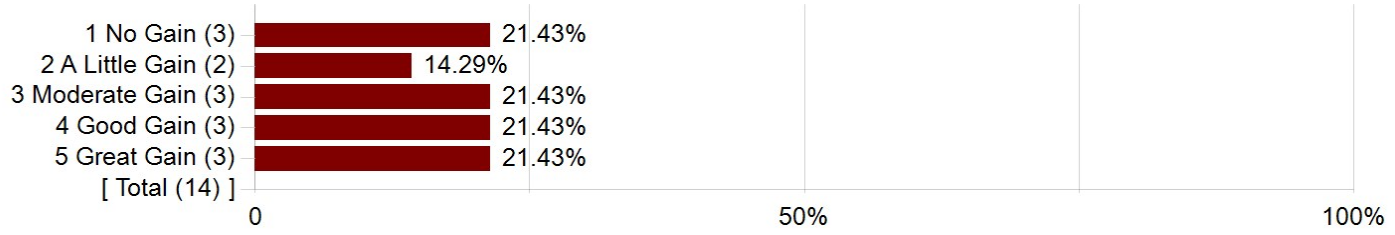
7. Review Sessions



Options	Score	Count	Percentage
No Gain	1	0	0.00%
A Little Gain	2	0	0.00%
Moderate Gain	3	3	12.00%
Good Gain	4	4	16.00%
Great Gain	5	18	72.00%

Statistics	Value
Response Count	25
Mean	4.60
Median	5.00
Standard Deviation	0.71

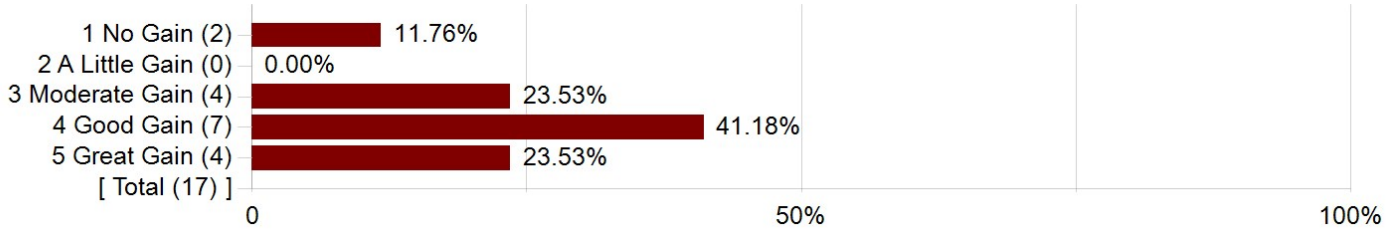
8. Interactions with Other Students



Options	Score	Count	Percentage
No Gain	1	3	21.43%
A Little Gain	2	2	14.29%
Moderate Gain	3	3	21.43%
Good Gain	4	3	21.43%
Great Gain	5	3	21.43%

Statistics	Value
Response Count	14
Mean	3.07
Median	3.00
Standard Deviation	1.49

9. Faculty Office Hours

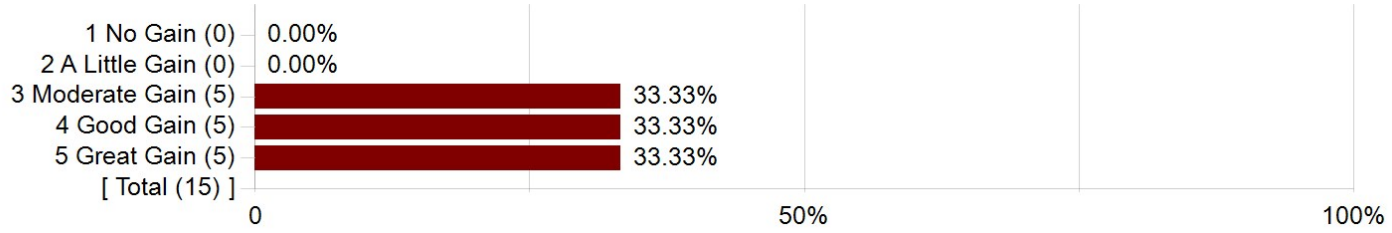


Options	Score	Count	Percentage
No Gain	1	2	11.76%
A Little Gain	2	0	0.00%
Moderate Gain	3	4	23.53%
Good Gain	4	7	41.18%
Great Gain	5	4	23.53%

Statistics	Value
Response Count	17
Mean	3.65
Median	4.00
Standard Deviation	1.22

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

10. Teaching Assistant Office Hours



Options	Score	Count	Percentage
No Gain	1	0	0.00%
A Little Gain	2	0	0.00%
Moderate Gain	3	5	33.33%
Good Gain	4	5	33.33%
Great Gain	5	5	33.33%

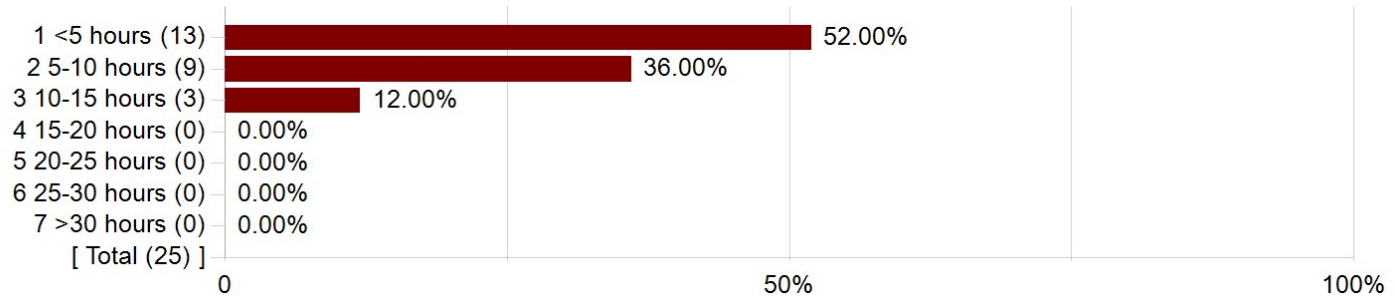
Statistics	Value
Response Count	15
Mean	4.00
Median	4.00
Standard Deviation	0.85

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
how cancer works – wish we could have studied some more modern treatments though
I have a better understanding of what cancer is, how it happens, and modes of treatment. I also feel like I gained a lot of practical information regarding scientific processes and information into body/cell systems
The most important thing I learned was what the most lethal forms of cancer are. I wish there was more coverage about the different types of chemotherapy.
I learned a lot about how cancer works. I wish I could have understood intracellular mechanisms and pathways more.
It's in the title: how good cells go bad. I wish we could've spent more time on what external factors cause cancer but this is a biology course and we focused on, well, biology.
That it can take decades for smoking to lead to cancer.
I learned how and why immuno–oncology treatment is the future for cancer treatment
Many of the topics were pretty advanced/complex, so I don't recommend taking this class unless you have a solid background in bio. That said, the overarching concepts of the class regarding facts about cancer and why it is so difficult to cure were pretty interesting.
pathways
From this course, I understood the difficulty to being able to treat cancer. Cancer is such a prominent issue that could impact everyone in the world, and learning more about its mechanisms and ways to tackle/detect cancer was fascinating.
I learned about the ways that normal cells proliferate, and how those processes can go wrong to lead to mutations, tumors, and cancer. Sometimes we would gloss over the more complex biological mechanisms to focus on the big ideas and I occasionally found myself wanting to know more about the actual biology, but I do understand that that was often more complex and in depth than the scope of the course.
The nature of cancer and why it is so hard to cure
The complexities of cancer and how they apply to the difficulties that arise in developing cancer treatments.
Treatments for cancer, types of cancer, metastasis, how dna plays a role
I learned how cancer works, which is good to know. I wish I could have learned a bit more about how cancer research interacts with government funding and private enterprise.
The history of cancer, the treatments being used to combat it, and the treatments in the future. Also about how cancer forms.

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

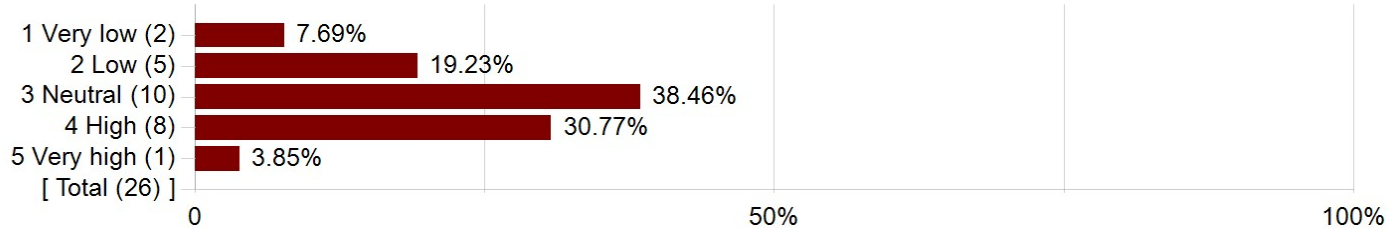
How many hours per week outside of attending required sessions did you spend on this course?



Statistics	Value
Response Count	25
Mean	1.60
Median	1.00
Standard Deviation	0.71

Prior to starting this class, your interest level was?

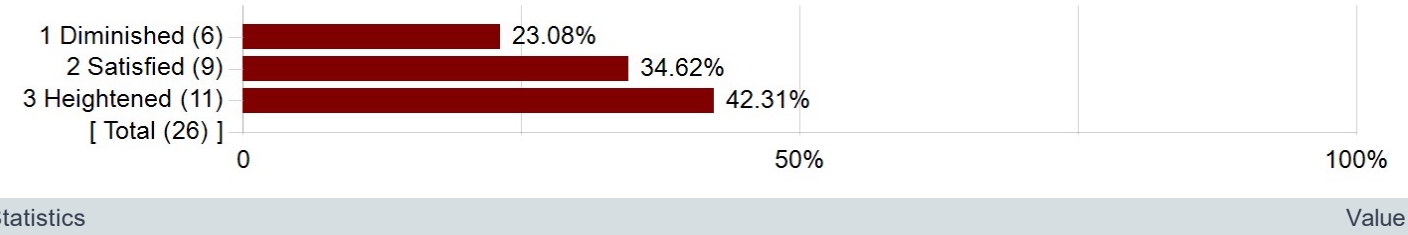
Prior to starting this class, your interest level was?



Statistics	Value
Response Count	26
Mean	3.04
Median	3.00
Standard Deviation	1.00

Now that this class is over, your interest is?

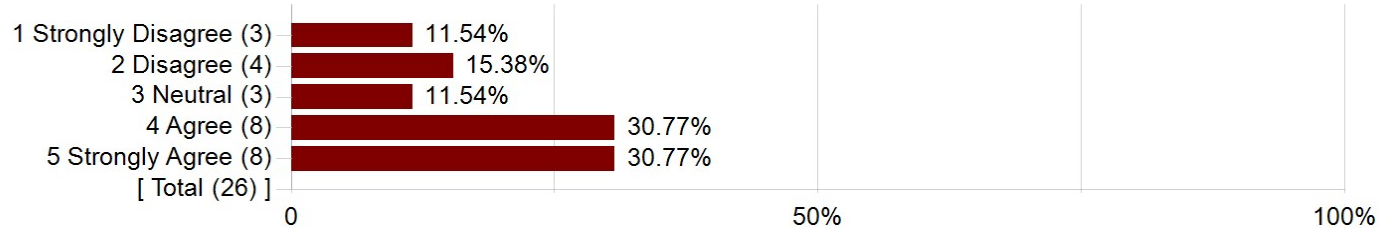
Now that this class is over, your interest is?



Statistics	Value
Response Count	26
Mean	2.19
Median	2.00
Standard Deviation	0.80

Overall, this was an excellent course.

Overall, this was an excellent course.



Statistics	Value
Response Count	26
Mean	3.54
Median	4.00
Standard Deviation	1.39

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

Comments
When he says somethings gonna be on the test, it is
Take this course only if you are sincerely interested in learning about cancer and have a great memory. Don't rely on class notes, write down all information you can from the modules section, especially anything titled "handout". Make sure you understand and remember every aspect of every minute process mentioned
This is a very difficult class if you're not intimately familiar with biology and chemistry. Pay very close attention to review sessions.
You'll be fine if you can sit down and memorize a lot of stuff.
Find a method of repetition to memorize what is expected on you for exams. Go to lecture and internalize information while it is still fresh. Don't cram using the review sessions.
Keep track of the things he says will be on the test. Those things will be on the test
The course is majority memorization. Don't take it unless you're good at memorizing.
There's no homework, so just start memorizing the content early and attend the review sessions.
There must be other better classes to take. Do not think this class will be an easy A. Lecturer is monotone, lectures are dense: makes it hard to get through lecture. Very bio heavy, memorization heavy
There is quite a lot of material and it is quite dense to absorb all at once. Consolidating knowledge at the end of each week and early preparations for the exam, I think, are pretty important to doing well in this course. Putting in the effort and time to truly understand the material throughout the quarter rather than right before the exam is fairly crucial.
When the professor says that something will be on the test, really make sure you know those things, as well as the highlighted material on the lecture handouts, and everything he goes over in the review sessions. This makes it easy to study for tests, but you do really need to know that material well and it can be a lot of memorization. Some of the vocabulary can make the concepts seem difficult, but if you just learn what those vocabulary terms mean, nothing in the course is really that complicated.
You will likely have to study a lot for the final. It is a lot of memorization. If you read the textbook along with each lecture to make sure the ideas are clear you will be 100% fine. If not, you should spend at least 3 days in advance of exams learning material because it is a lot, but not extremely difficult content.
Just make a quizlet or find one based on the review session and you'll be fine. Give yourself a few days 2–4 in advance.
All you need to do is take notes and review the lecture notes sheets before the exam. Just memorize the material, it does not matter if you understand everything (or really much at all).
Be sure to take good notes. Especially what Professor Villareal states will be on the test. There are tons of memorizing
Lots of memorization! Don't take it if you're not good at memorizing.