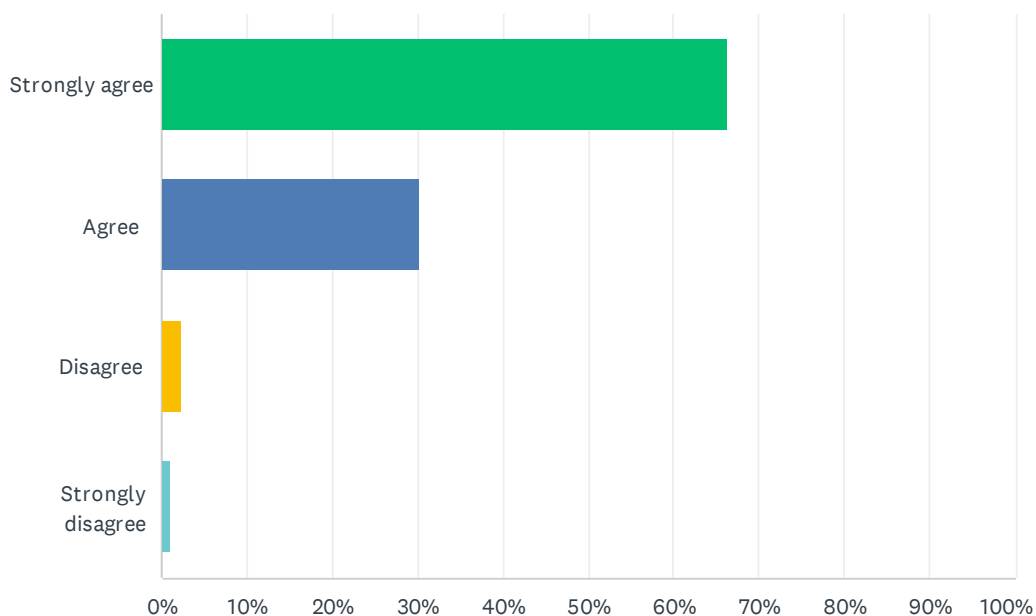


# Q1 I feel as though I caught the Organic Chemistry Wave this semester

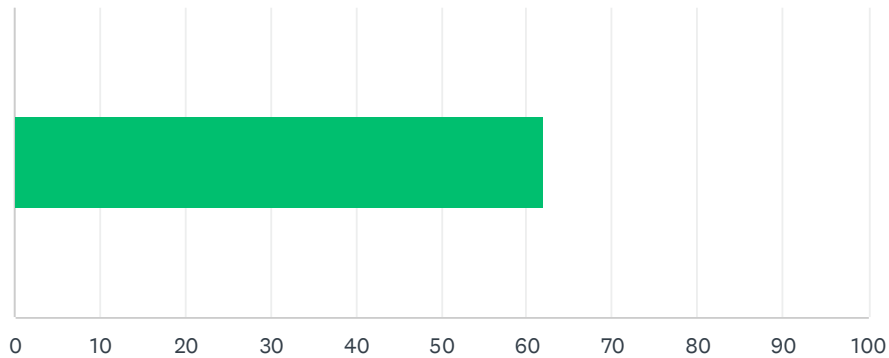
Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES
Strongly agree	66.29% 59
Agree	30.34% 27
Disagree	2.25% 2
Strongly disagree	1.12% 1
TOTAL	89

Q2 Compared to your other classes this semester, how would you rate your overall stress level associated with this class (0 is a very low stress level and 100 is an extremely high stress level)?

Answered: 89 Skipped: 0



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	62	5,530	89
Total Respondents: 89			

## Q3 What could we do in the future to reduce the stress associated with this class?

Answered: 75 Skipped: 14

#	RESPONSES	DATE
1	Deadlines sometimes felt a bit too tight. A little flexibility could be very useful.	6/7/2024 10:13 AM
2	Most stress was related to the level of difficulty that is associated with the content itself so I don't think there is much that can be done unless ochem gets easier somehow	6/4/2024 6:48 PM
3	i think this class provided enough respurces to help reduce stress.	6/3/2024 10:07 PM
4	Offer structured review sessions instead of only Q&A sessions.	5/27/2024 9:12 PM
5	I would have liked an additional "missed the wave office hour" since I was not able to attend the one that was set up due to class conflict. But other than that the professor and his team really did everything they could to provide us with the resources to reduce stress.	5/27/2024 2:03 PM
6	I feel like it was hard to do any of the homework assignments until after Thursday's lecture which was sometimes stressful when there was a busy weekend especially when some of my other classes also gave lots of work over weekends and I had a O Chem Lab Monday so I didn't have a lot of time to do it right before it was due amongst all my other classes.	5/26/2024 10:16 PM
7	Everything the course provided was helpful; ochem II is just a hard class in general!	5/26/2024 7:20 PM
8	Get less anxious and actually study the concepts that I am not totally sure about.	5/26/2024 6:32 PM
9	n/a	5/26/2024 6:25 PM
10	Nothing! Everything was awesome	5/26/2024 4:11 PM
11	Not much, was just a relatively tough class	5/26/2024 12:19 PM
12	I honestly felt that the stress level in this class was very manageable. I have no changes to suggest.	5/26/2024 11:30 AM
13	More aktiv learning or nomenclature lessons	5/26/2024 10:35 AM
14	Let us know that it is incredibly important to go over your exam that you just got back to see what you got wrong and know how to fix it.	5/26/2024 10:13 AM
15	In my opinion: exams are too long, homework should be optional because that's not how I personally study best so they waste my time, and I'm not sure what you can do about the following but I feel like there is just way too many sessions that I have no clue where to invest my energy. As great as it is to have catching the wave, SI, problem solving, office hours, discussion, etc it gets overwhelming because we don't know where best to dedicate our time so an outline at the start of the week for each session might help? It's great to have all those options but it was so stressful choosing where best to devote my time and energy. Perhaps an outline of the different sessions at the start of the week would help? I'm not sure maybe it's just me.	5/26/2024 10:11 AM
16	The only thing that psyched me out was the midterms being at night but I don't know how much of that is in your control.	5/26/2024 10:05 AM
17	I think stress is natural with a class this difficult. I believe Dr. Iverson did all he can to help students succeed	5/26/2024 10:01 AM
18	I don't think anything should be changed, the high stress is really just associated with testing anxiety.	5/26/2024 9:57 AM
19	class is perfect	5/26/2024 8:34 AM
20	Unit 2 if felt was very rushed. There were only a few homeworks about it, and I did not feel as prepared to tackle the exam questions as I did for the other exams. I felt as I did not have as	5/26/2024 8:06 AM

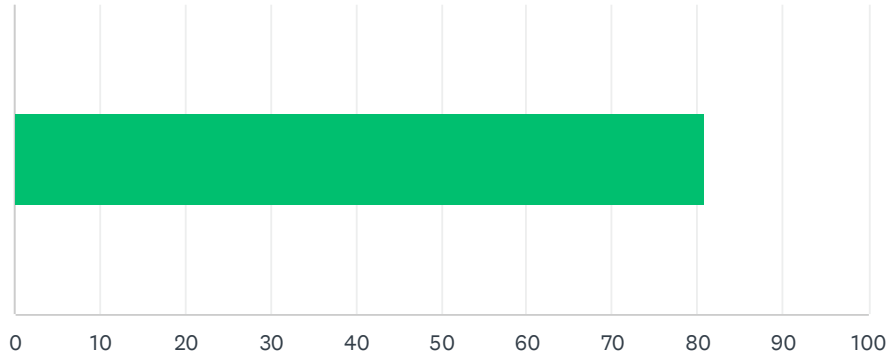
	much time to get comfortable with the material as I did for the first and third exam.	
21	I believe the stress is more self-induced in hopes to do well for the exams. One thing to cause less stress would be to go over the topics that are going to be on the midterms more in depth during the review sessions.	5/13/2024 2:05 PM
22	study after each lecture and don't get behind	5/11/2024 8:44 PM
23	Nothing I would just procrastinate and it would build on top of everything. Professor prepared us for success.	5/10/2024 6:05 AM
24	Honestly I feel like it was very easy to manage. I can't really think about anything that would reduce it more.	5/9/2024 11:42 PM
25	A catch the wave that is dedicated only to revising the previous test. Just so each question is gone over (and helps answer questions that some may think is "stupid")	5/9/2024 5:55 PM
26	nothing! It was mostly my time management or lack thereof that caused of the stress	5/9/2024 11:59 AM
27	Nothing? It is just naturally a high stress class, team did everything they could to help and prepare us.	5/9/2024 10:05 AM
28	I think that having the gradebook in canvas (or gradescope) accurately reflect our grade throughout the semester would be very helpful.	5/9/2024 9:53 AM
29	Maybe one less midterm, though I don't think reducing the stress is really necessary.	5/9/2024 5:07 AM
30	I think you did every thing you could to reduce the stress. Continue to do pictures of the day and offer reassurance for exams.	5/8/2024 8:20 PM
31	Study lectures after they happen	5/8/2024 5:39 PM
32	I do not think there is anything you all could have done. Office hours and every other session/resource provided significantly helped reduce the stress in this class. Any ochem class will be stressful, but everything that was provided to us helped to drastically minimize that stress.	5/8/2024 3:09 PM
33	For exam reviews, briefly cover what might be over the exam. It doesn't have to be directly on it but I think a quick overview of everything + questions would be helpful.	5/8/2024 2:35 PM
34	I feel being stressed is good because it means you care but to reduce stress with this class it is important to review material after class.	5/8/2024 2:07 PM
35	More practice problems offered to students and to ensure that the recorded office hours are all posted and in a timely manner	5/8/2024 1:22 PM
36	I think this is just stress that comes with taking ochem	5/8/2024 12:47 PM
37	My stress level was based off on how hard the content was, not the class!	5/8/2024 12:35 PM
38	N/A; Dr. Iverson and his TA's provide so many resources to ensure the students are successful.	5/8/2024 10:15 AM
39	Start doing practice problems ahead of time, trust me it will be worth it	5/8/2024 10:09 AM
40	i'm generally an anxious person, but nothing that i can think of	5/8/2024 2:30 AM
41	N/A, I think the stress is the course itself!	5/7/2024 10:10 PM
42	Nothing, I think it is just a difficult subject.	5/7/2024 9:54 PM
43	I appreciated the resources and office hours. These helped me feel more prepared and comfortable with the material. I also appreciated how the material was presented. Dr. Iverson did an amazing job making the material engaging, and the TAs all felt approachable and helpful.	5/7/2024 7:27 PM
44	Nothing! There are so many resources for those who get stressed and overwhelmed, but I found myself never in that position by keeping up with the lectures.	5/7/2024 4:33 PM
45	Encouraging students to, as soon as they get their first KRE, start making flashcards/review sheet	5/7/2024 4:31 PM

46	I think this class did a great job at reducing stress for students, and any stress that existed was just due to the challenging nature of the content.	5/7/2024 4:18 PM
47	i'm just a stressed person so not much. This class wasn't as stressful as some other courses i've taken	5/7/2024 2:43 PM
48	Honestly I have no clue. Ochem is hard enough as it already is.	5/7/2024 2:43 PM
49	reduce the weight of the exams and add more extra credit opportunities	5/7/2024 2:43 PM
50	Just continue to post more practice, for how difficult this class was there was the most help and practice problems I could have ever asked for	5/7/2024 2:10 PM
51	Honestly the final stressed me out after i took a practice old one and got a 78 but other than that I tried not to stress myself out	5/7/2024 2:02 PM
52	Incorporate more synthesis problems in practice in class.	5/7/2024 1:45 PM
53	nothing, it's just a hard subject with a lot of content	5/7/2024 1:21 PM
54	I think the lecture notes should be organized a bit so that it is easier to understand what we are learn before the lecture. It is hard locate which page are the reaction mechanisms and synthesis within the lecture notes. For example, if I want to find the Diels-Alder reaction, I can't really ctrl+f to find it within the lecture notes. I wish I could also have timestamps of what reactions/reagents we learned in lecture recordings.	5/7/2024 1:15 PM
55	I think people come into this class expecting it to be difficult. I found that all the supplementary resources for the content and exams was extremely helpful in reducing my stress associated with this class. I felt like I knew where to focus my studying and that helped alleviate my stress.	5/7/2024 1:10 PM
56	maybe start offering review sessions two weeks before? maybe this was offered already and I just didnt know about it	5/7/2024 1:08 PM
57	Nothing! Ochem is just a stressful class so as long as you manage your time well then you should be fine.	5/7/2024 12:52 PM
58	A class run over the weekend could be fun.	5/7/2024 12:26 PM
59	Not quite sure think it's just a stressful class	5/7/2024 12:18 PM
60	I think emphasizing the benefits of completing multiple practice exams and doing more practice problems in class.	5/7/2024 11:55 AM
61	maybe more extra credit or just taking the time to go over doubts in class itself	5/7/2024 11:53 AM
62	I think being more responsive on Ed Discussion would alleviate some of this stress because it was often very difficult to get a response	5/7/2024 11:50 AM
63	There is a learning curve associated with the website. It needs an update. Time to information is slow. To find the notes for the day, you had to go to rules of the day and then click on the right date. It ended up just creating a pathway that I know would get in the way. A "Notes I used in Class Consolidated document would be very helpful. Overall organization of the website would be great. There was too much going on and I felt like I had a binder full of everything I would ever need, but the problem with having it all in one place is ask me to find something and the first thought is to just give up.	5/7/2024 11:41 AM
64	Better letting us know what to focus on for the exams, as they can often be overwhelming to prepare for.	5/7/2024 11:38 AM
65	I think maybe having an option to use the dropped midterm as final grade, only if it helps the person because I was kind of stressed about the weight of the final. Other than that, I think it's just a lot of material but still manageable so y'all did great!	5/7/2024 11:37 AM
66	I think you could do more roadmaps with pictures of the molecule that way they can see what reaction it takes to get to a certain point but also see what it actually changing. (Similar to the roadmap for exam 2, that was awesome!!)	5/7/2024 11:30 AM
67	N/A, it's a formality. This class was low-stress given it was O-Chem.	5/7/2024 11:25 AM
68	stay on top of the class and go ahead and try to do the homework before finishing up lectures	5/7/2024 11:20 AM

	for the week	
69	Maybe a nomenclature worksheet to help us with the first 2 exams? Just summarizing the prefixes, suffixes, orders, etc.	5/7/2024 11:16 AM
70	Less emphasis on final. Uniform curve instead of t score	5/7/2024 11:14 AM
71	Nothing, this class was well organized so I didn't have to stress as all. I do wish that the notes were a little more organized to make it easier to look back at past content or maybe a search feature on the website so we don't have to click thru each class day to find what we're looking for.	5/7/2024 11:10 AM
72	Everything was perfect.	5/7/2024 11:06 AM
73	More consistent practice even when I feel like I got a good understanding of the content presented in class.	5/7/2024 11:05 AM
74	Nothing. All the options for office hours and extra practice make it so much easier to handle. Additionally, I really appreciated that there weren't completely unexpected things on the exam, and if you took time to learn from the homework and old exams you'd do fine.	5/7/2024 11:02 AM
75	Notify students of homeworks being completion sooner so it's less stressful.	5/7/2024 11:00 AM

Q4 Compared to your other classes this semester, how would you rate your overall effort level associated with this class (0 is a very low effort level and 100 is an extremely high effort level)?

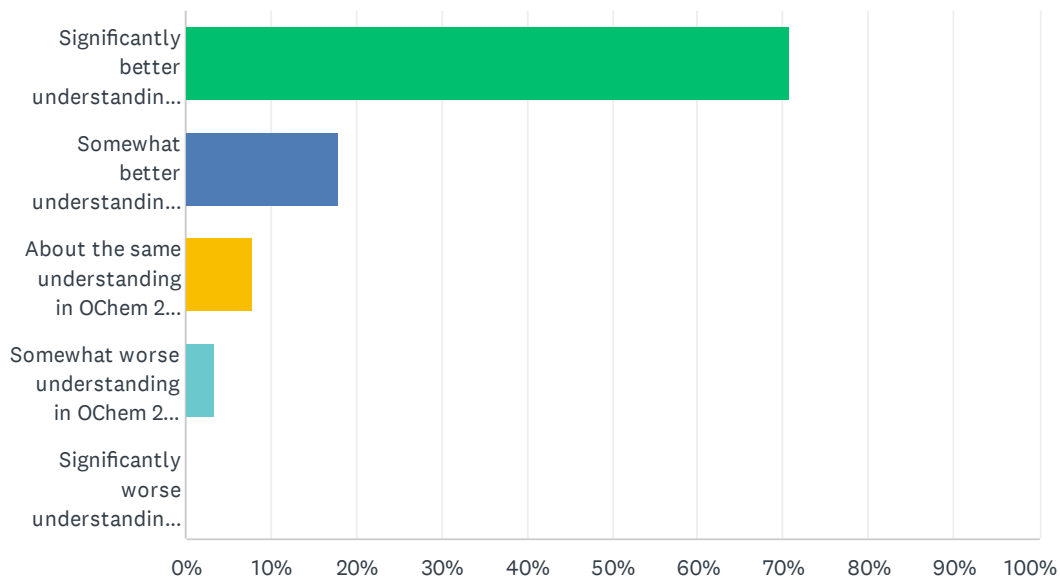
Answered: 89 Skipped: 0



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	81	7,185	89
Total Respondents: 89			

## Q5 Compared to last semester in OChem 1, how would you rate your overall level of understanding of the material this semester in OChem 2

Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Significantly better understanding in OChem 2 compared to OChem 1	70.79%	63
Somewhat better understanding in OChem 2 compared to OChem 1	17.98%	16
About the same understanding in OChem 2 compared to OChem 1	7.87%	7
Somewhat worse understanding in OChem 2 compared to OChem 1	3.37%	3
Significantly worse understanding in OChem 2 compared to OChem 1	0.00%	0
<b>TOTAL</b>		<b>89</b>



## Q6 If you answered "significantly better understanding" or "somewhat better understanding" in OChem 2 compared to OChem 1, what did you change that made the difference?

Answered: 78 Skipped: 11

#	RESPONSES	DATE
1	I didn't particularly change anything to understand better. The structure of this class was much better than the class I had in ochem 1 and just following along with the structure of this class improved my understanding.	6/7/2024 10:13 AM
2	Getting to know the mechanisms more broadly and how they relate to groups of reactions rather than trying to memorize specifics	6/4/2024 6:48 PM
3	I went to office hours and some SI sessions when needed.	6/4/2024 4:02 PM
4	I did more practice problems and made sure to understand my homework.	6/3/2024 10:07 PM
5	I believe having an engaging professor who took the time out to really explain the "why" behind rules and mechanisms made a difference.	5/28/2024 12:15 AM
6	The increased familiarity with ochem as a topic	5/27/2024 9:12 PM
7	I dedicated more time to doing practice problems rather than just repeatedly reading over the material.	5/27/2024 2:03 PM
8	I didn't change anything, the content was just explained in a more understandable way that helped me know why things were happening and especially with all the mechanisms that are taught rather than just saying you should know this reaction after briefly touching on it once.	5/26/2024 10:16 PM
9	Changing the way I thought about the material was extremely helpful. I memorized my way through most of ochem 1 and barely got through it, but understanding the concepts in ochem 2 helped so much.	5/26/2024 7:20 PM
10	Changed the professor	5/26/2024 6:32 PM
11	The way I thought about the mechanisms. After meeting with Dr. Iverson he taught me ways to approach box problems and mechanism problems which changed things tremendously.	5/26/2024 4:11 PM
12	N/A	5/26/2024 12:19 PM
13	I had a study group this semester, which definitely helped me. Also, my Ochem 1 class had a flipped classroom approach which did not align with my learning style in general.	5/26/2024 11:30 AM
14	Took fewer classes and had more time to focus on ochem	5/26/2024 10:35 AM
15	I took Ochem 1 with Straumannis and got a C+ because I didn't have a strong understanding just from the textbook, it didn't work for me. For Ochem 2, I had Iverson as a professor that actually taught and the lectures and seeing examples of using the reagents really helped me.	5/26/2024 10:13 AM
16	Dr. Iverson was able to make OChem 2 relatable and created so many references and connections that to me it just made sense.	5/26/2024 10:05 AM
17	The degree in which the material was taught and the exams testing your knowledge based on what was taught in class instead of using testing as a way to trick students	5/26/2024 10:01 AM
18	I had a different professor for OChem 1 but I didn't enjoy his flipped classroom learning. I prefer being taught in class and told exactly how to figure it out. As ai already learned in class, I was able to practice much more at home.	5/26/2024 9:57 AM
19	Did more of the practice problems and collaborated with different people, extremely helped out a lot it made my understanding way better	5/26/2024 8:34 AM
20	I just being forced to know the mechanisms helped alot	5/26/2024 8:06 AM

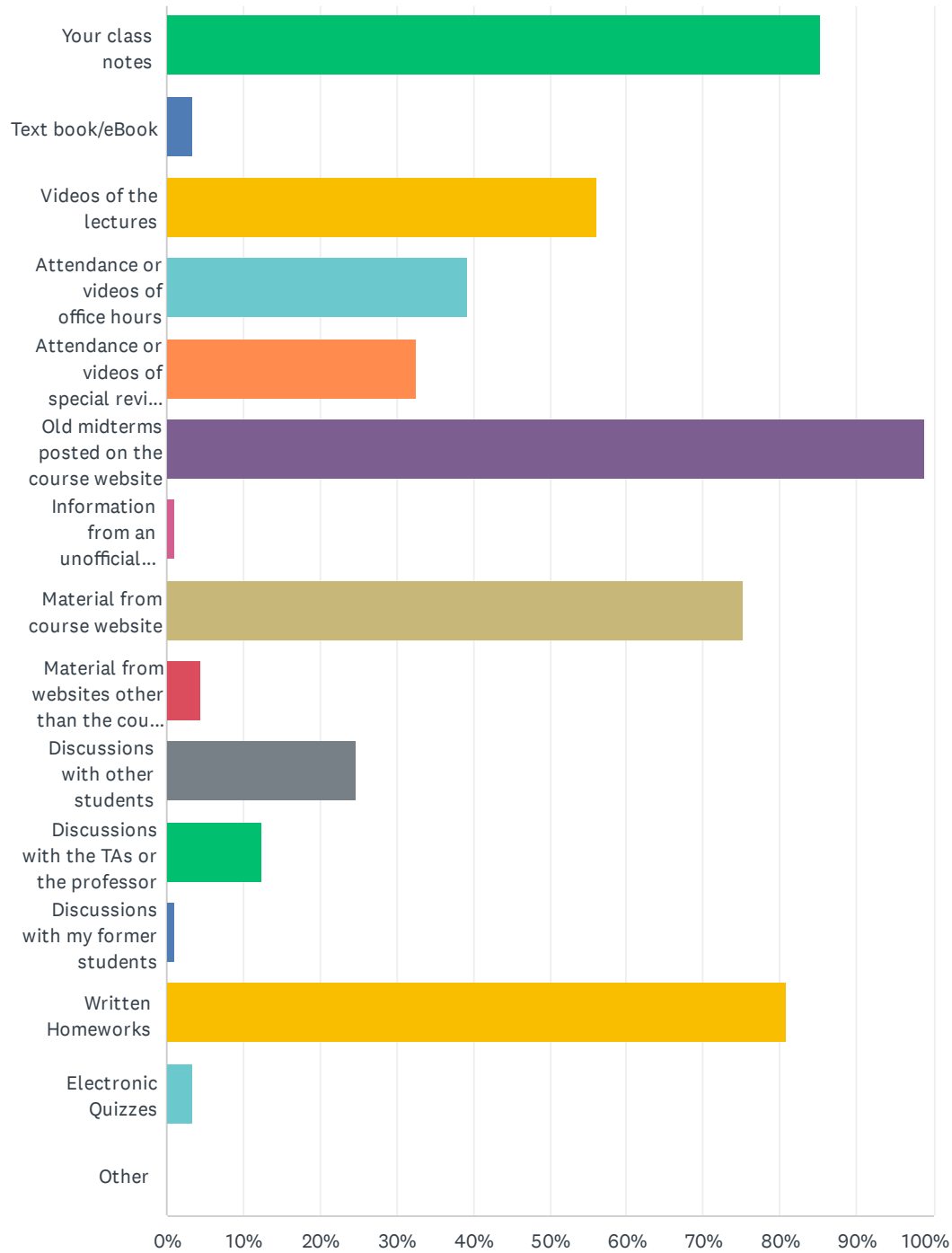
21	I attended office hours, sanger tutoring, and utilized the TA's	5/26/2024 6:49 AM
22	I think I made more of an effort to actually practice the mechanisms. In OChem 1 I think I did a lot of content review instead of actually practicing, so I definitely think the more practice you do helps.	5/13/2024 2:05 PM
23	Dr. Iverson clearly laid out course objectives with his golden rules and plenty of outside resources that were effective for studying.	5/11/2024 8:44 PM
24	I think the professor change between ochem 1 and 2 was a big difference.	5/10/2024 6:05 AM
25	I think I just was not focused enough in OChem 1. Of course having such an amazing professor helped but I just locked in and focused.	5/9/2024 11:42 PM
26	I was able to decide what I thought would be tested on and did soooo many more practice problems on that.	5/9/2024 5:55 PM
27	much better professor!	5/9/2024 11:59 AM
28	I changed the way I would study for exams. Less time rewatching videos and more time actually doing the problwms.	5/9/2024 10:05 AM
29	Aiming to understand the material rather than memorize. It took me a while to understand what Dr. Iverson meant by 'catching the wave', but once I caught it the course was much less daunting.	5/9/2024 9:53 AM
30	I made an effort to understanding the mechanisms for each reaction, which significantly improved my learning.	5/8/2024 8:20 PM
31	KREs made a huge difference	5/8/2024 5:39 PM
32	I think the course materials like the "highways" and all of the teaching team helped make this difference. The material was taught in a fun and engaging way which I believed allowed us to really learn the material.	5/8/2024 3:09 PM
33	Compared to Ochem2, I definitely understood the content better compared to memorizing. I think Dr. Iverson's tricks and explanations significantly helped me in synthesis problems and conceptual thinking.	5/8/2024 2:35 PM
34	Attending lecture and office hours helped me understand Dr. Iverson's way of thinking and this helped me learn the material significantly.	5/8/2024 2:07 PM
35	This ochem 2 course had a spectacular layout, with more than enough resources and opportunities to thoroughly understand the material and make a good grade in the class. The rules of the day, numerous office hours, practice exams, study resources, recorded lectures, engaging format of the class, etc., made this course extremely wonderful to be a part of. I not only WANTED to come to class everyday simply because I liked the format, but I consistently went to class because Dr. Iverson's teaching was inspiring and obvious that he is incredibly knowledgeable and passionate about the subject matter as well as to ensure his students are learning. Dr. Iverson's course made me LOVE ochem 2, something I never thought I would ever say, but will now preach for the rest of my life.	5/8/2024 1:22 PM
36	I switched professors!!!! I would also grind out practice problems repeatedly.	5/8/2024 12:47 PM
37	The class organization! My last class was flipped and I didn't learn as well in that class as I did for this one! The mechanism sheets were 100% the reason why this class made much more sense!	5/8/2024 12:35 PM
38	Consistently working on practice questions using the homework given and understanding the mistakes I got wrong on that homework.	5/8/2024 12:09 PM
39	I practiced a lot more rather than just passively learning. I did the mechanisms and KREs over and over until I remembered all of them as well as understood them. I ditched my flash cards methods from Ochem 1 and focused on actively learning from memory and drawing things out from memory, doing practice problems until I couldn't get them wrong, etc. I did a TON of practice exams and old homeworks.	5/8/2024 10:15 AM
40	I started to prepare earlier to make sure everything was digested	5/8/2024 10:09 AM
41	Changing study habits. Printing out notes instead of using an iPad, making study habits more	5/7/2024 10:10 PM

	tactile rather than solely online.	
42	I understood the mechanisms of reactions rather than memorizing the reagents and outcome.	5/7/2024 9:54 PM
43	I went to a LOT of office hours. Even when I felt that I understood the material from that week, I made a habit to go to office hours at least once a week so that I could spend more time with and better absorb the material.	5/7/2024 7:27 PM
44	Change in professors. The learning style for my orgo 1 class did not work best for me. Taking the class with iverson made all the difference.	5/7/2024 6:31 PM
45	The professor. I had OChem 1 with a professor that had ambiguous exam grading standards and material that tested beyond what was learned. Dr. Iverson's exams are very clear on their standards and challenges you within what he's taught you.	5/7/2024 4:33 PM
46	Took YOU	5/7/2024 4:31 PM
47	Lectures were a lot more engaging, homeworks were very doable and helpful, posted lecture notes were always good to go back to for any questions.	5/7/2024 4:18 PM
48	The amount of practice/homework we got from the professor. Unlike SOME PROFESSORS, Iverson gave a lot of practice and excellent lecture/explanation of content.	5/7/2024 2:43 PM
49	Iverson was my professor.	5/7/2024 2:43 PM
50	Focusing on the KREs really helped to take away the key points of the mechanisms and the fill in the box mechanism sheet helped me to visualize the mechanisms better	5/7/2024 2:43 PM
51	In Newberry, he kinda just read off of slides and made us memorize he didn't teach us well the true mechanisms and fundamentals of how things worked.	5/7/2024 2:10 PM
52	Your teaching style really resonated with me and the plethora of resources really helped with my internal locus of control.	5/7/2024 2:02 PM
53	Studying more on the homework and practice exams and understanding my mistakes.	5/7/2024 1:45 PM
54	lecture filled with connection to help comprehension, relevant homework questions	5/7/2024 1:42 PM
55	i recognized that it was my responsibility to get to understanding, not my professor's, and put in the work, usually the available (and amazingly helpful) resources	5/7/2024 1:21 PM
56	The make a bond, remove a bond, add a proton, remove a proton was very effective for going through the mechanisms. Students who learn this should know that these terms (break a bond, take away, etc) refer to the "starting material". ie you are "adding a proton" to the starting material, "taking away a proton" from the starting material.	5/7/2024 1:15 PM
57	well having a professor that offered weekly homeworks and being able to do them and practice synthesis more often really helped me understand better. also actually trying on the homeworks	5/7/2024 1:08 PM
58	Just simplify things! The four mechanistic elements really helped because all of the mechanisms could be done with that knowledge. Sometimes not everything makes sense the first time, so it's okay to memorize some things.	5/7/2024 12:52 PM
59	I learned to understand the reason that certain reactions and mechanisms occur and to identify the personality of different molecules.	5/7/2024 12:26 PM
60	A different teaching style	5/7/2024 12:18 PM
61	Professors	5/7/2024 12:17 PM
62	I focused on understanding the "why" of electron movement instead of simply memorizing the mechanisms.	5/7/2024 11:55 AM
63	office hours, more practice, and honestly a better teacher	5/7/2024 11:53 AM
64	I changed my mindset from trying to memorize mechanisms and reactions to actually understanding why they happen the way they do. I gained the ability to predict what is going to happen based on the personalities of the molecules and what makes sense in any given mechanism which I was not able to do in OChem 1.	5/7/2024 11:50 AM
65	N/A	5/7/2024 11:41 AM

66	I think going through old exams and practicing a lot was helpful for me. Lots of practice I think is what helped me master the material.	5/7/2024 11:37 AM
67	practice!	5/7/2024 11:32 AM
68	I think the roadmaps and mechanism sheets really helped see how it happens and it makes sense. I did all the mechanisms and the reactions along with the KREs which helped see what is being changed.	5/7/2024 11:30 AM
69	Having a lecturer explain to me what I needed to know so I could extrapolate that to outside practices.	5/7/2024 11:25 AM
70	i think the professor and how they explained the concept enable for the difficult content to be more digestible	5/7/2024 11:20 AM
71	I just did more practice questions and made more detailed review sheets	5/7/2024 11:16 AM
72	Mechanism sheets and KREs	5/7/2024 11:14 AM
73	Dr. Iverson is just the best teacher of organic chemistry. That was the main difference. However, I also spent more time with the material and went to / watched the office hours every week. Practice problems were hugely important.	5/7/2024 11:14 AM
74	Iverson's amazing and comprehensive lectures compared to Straumanis' lack thereof.	5/7/2024 11:06 AM
75	I think the more in-depth material presented in the class led to a better holistic understanding of the topics we discussed.	5/7/2024 11:05 AM
76	I spent more time doing practice problems and the homework.	5/7/2024 11:02 AM
77	How I studied and the material I used to study	5/7/2024 11:02 AM
78	Iverson!	5/7/2024 11:00 AM

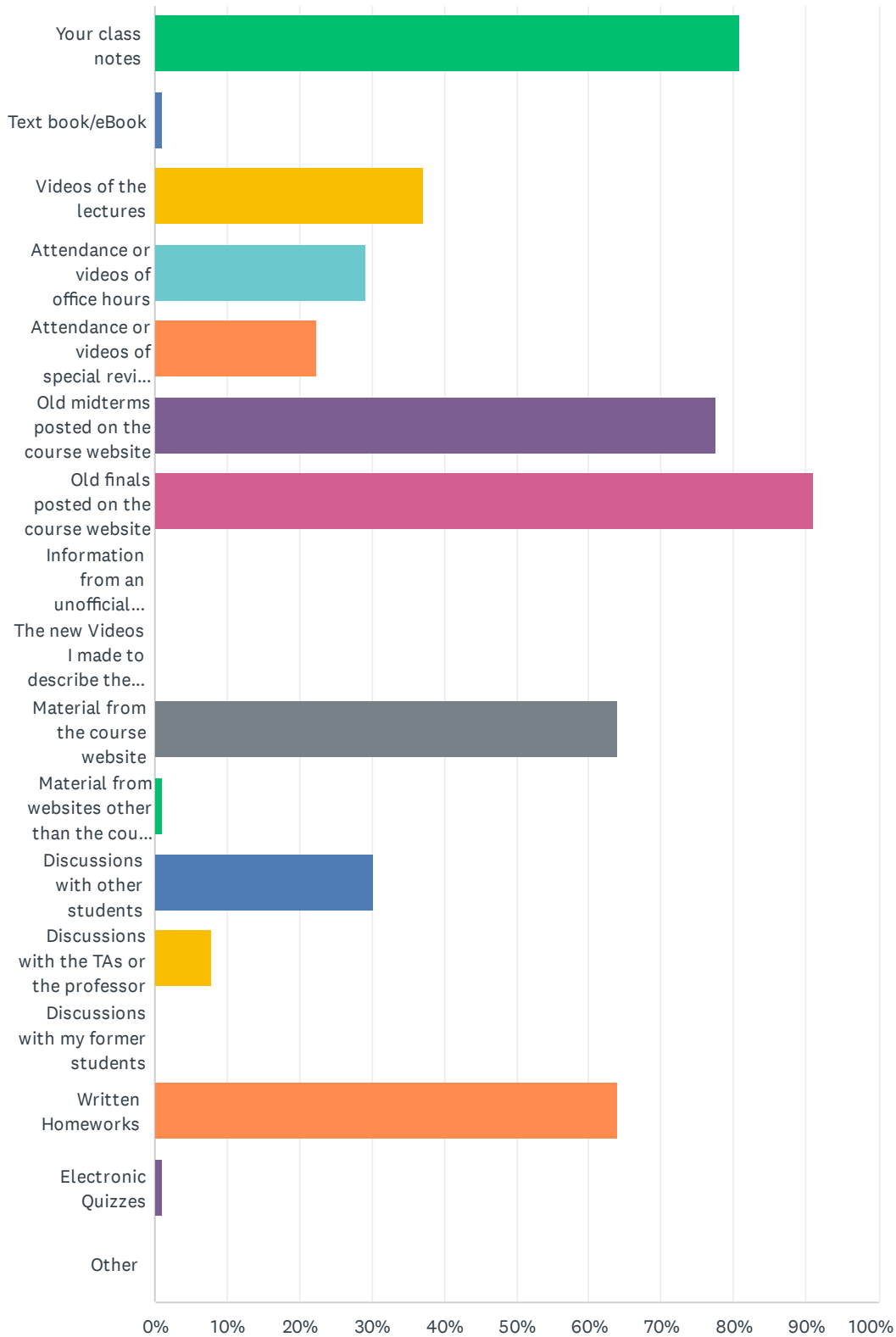
# Q7 What were the FIVE most important resources you used to prepare for the midterms?

Answered: 89 Skipped: 0



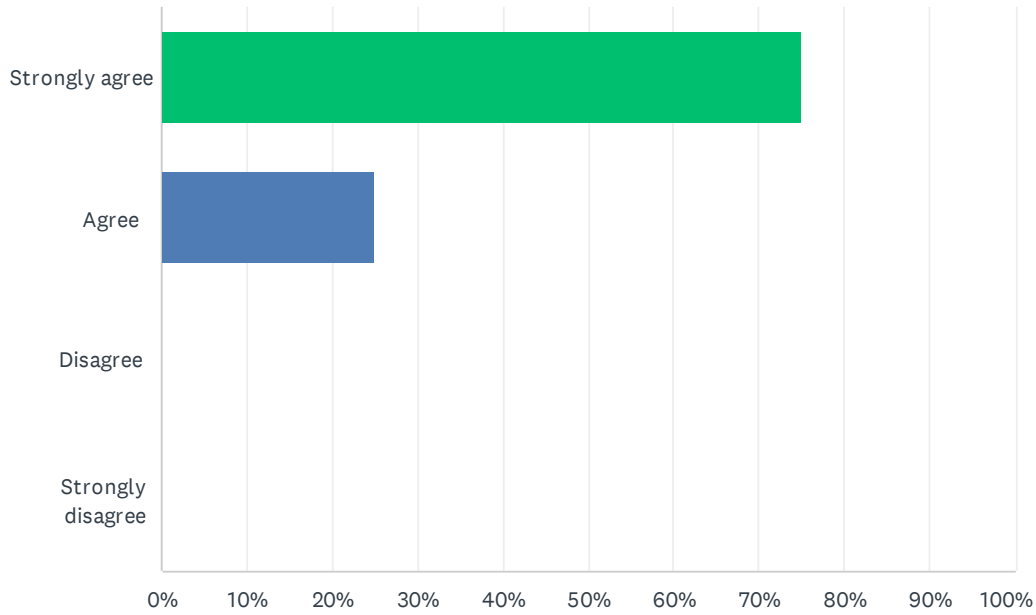
## Q8 What were the FIVE most important resources you used to prepare for the final?

Answered: 89 Skipped: 0



## Q9 This course helped me develop critical thinking skills as opposed to just being an exercise in memorization

Answered: 88 Skipped: 1

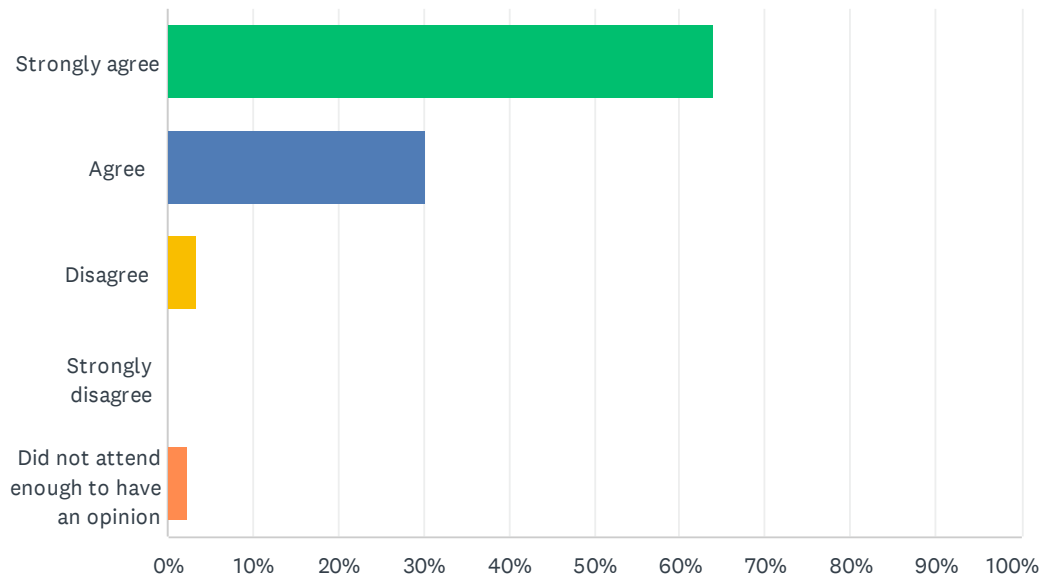


ANSWER CHOICES	RESPONSES	
Strongly agree	75.00%	66
Agree	25.00%	22
Disagree	0.00%	0
Strongly disagree	0.00%	0
<b>TOTAL</b>		<b>88</b>



## Q10 Watching lecture in person was helpful

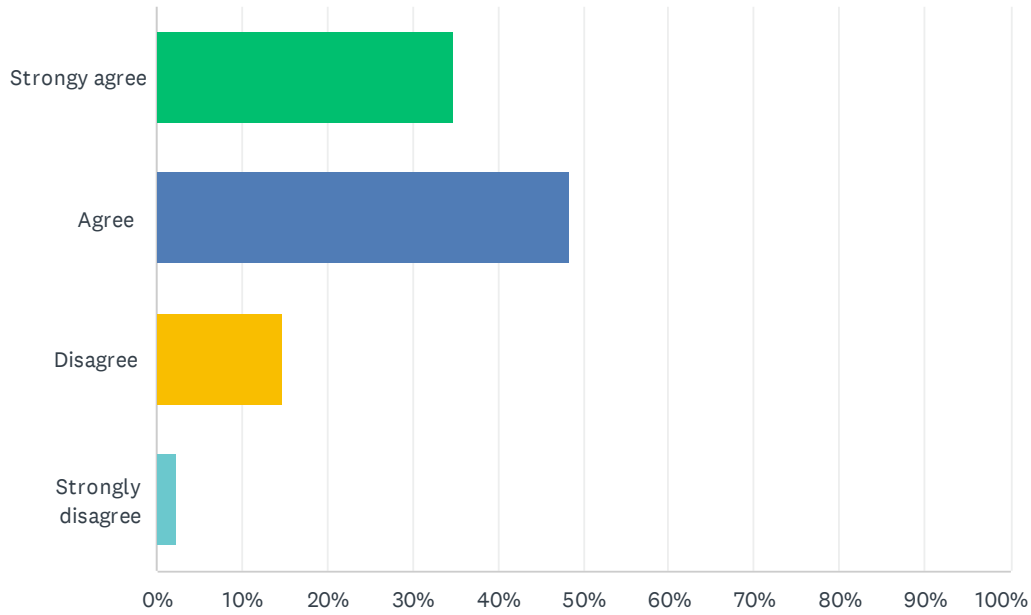
Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	64.04%	57
Agree	30.34%	27
Disagree	3.37%	3
Strongly disagree	0.00%	0
Did not attend enough to have an opinion	2.25%	2
<b>TOTAL</b>		<b>89</b>

### Q11 The Daily Quizzes were useful for keeping me engaged with the material throughout the semester.

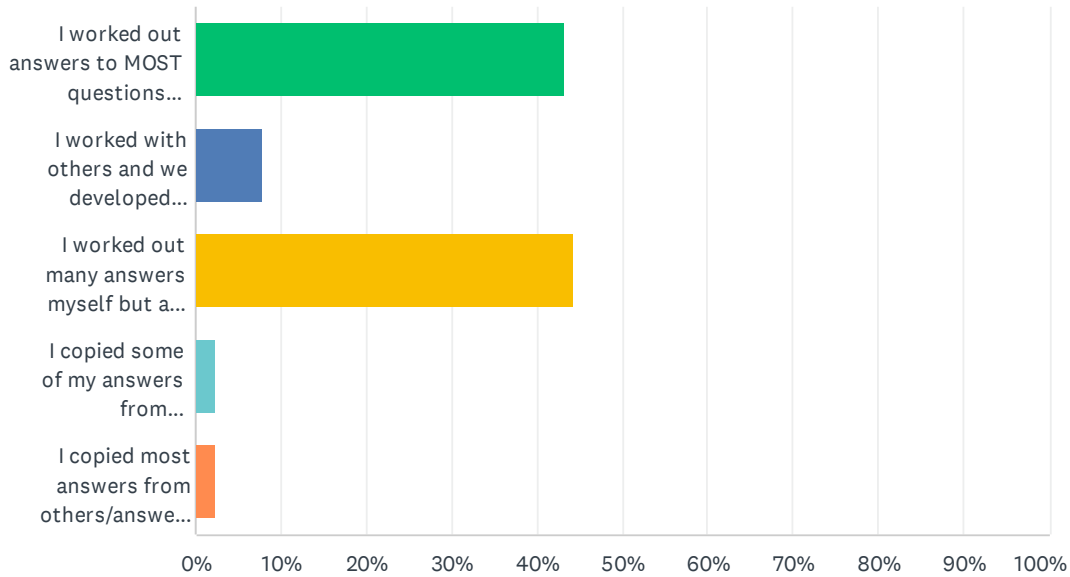
Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongy agree	34.83%	31
Agree	48.31%	43
Disagree	14.61%	13
Strongly disagree	2.25%	2
<b>TOTAL</b>		<b>89</b>

### Q12 Pick the one or two items from the following list that best describe how you completed the homeworks

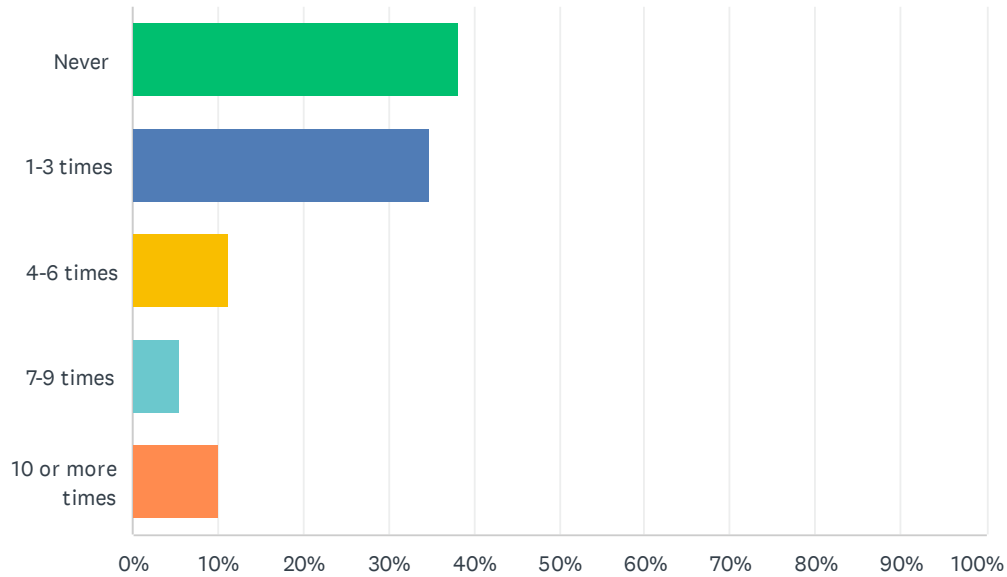
Answered: 88 Skipped: 1



ANSWER CHOICES	RESPONSES	
I worked out answers to MOST questions myself	43.18%	38
I worked with others and we developed answers to MOST questions in a collaborative way	7.95%	7
I worked out many answers myself but also worked collaboratively with others on many questions as well	44.32%	39
I copied some of my answers from others/answers from previous years	2.27%	2
I copied most answers from others/answers from previous years	2.27%	2
<b>TOTAL</b>		<b>88</b>

### Q13 How many times did you attend or view a recording of Dr. Iverson's office hours Wednesday afternoons?

Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	38.20%	34
1-3 times	34.83%	31
4-6 times	11.24%	10
7-9 times	5.62%	5
10 or more times	10.11%	9
<b>TOTAL</b>		<b>89</b>

## Q14 If you attended or viewed a recording of Dr. Iverson's office hours on Wednesday afternoons, do you have any suggestions on how to improve them?

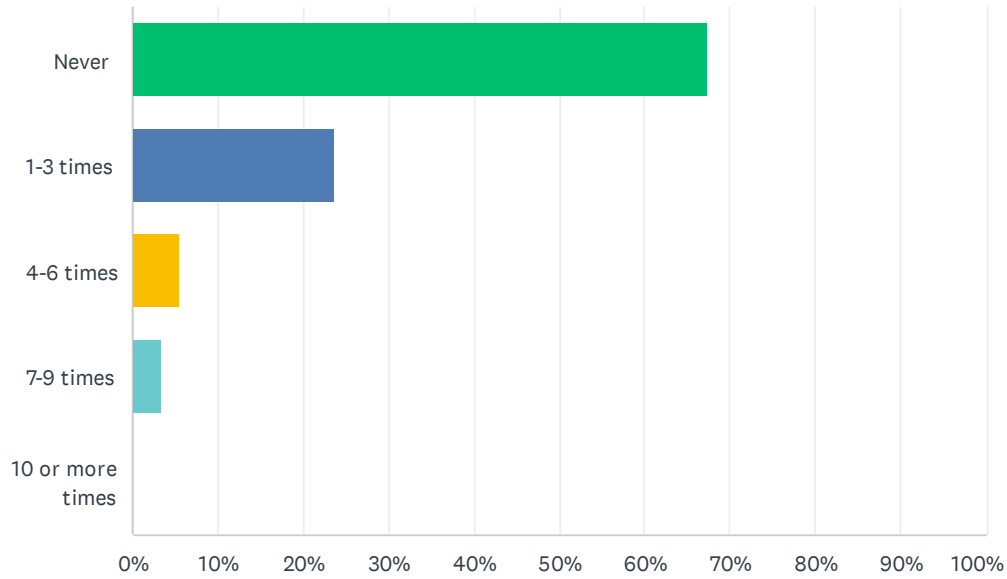
Answered: 35 Skipped: 54

#	RESPONSES	DATE
1	Giving a brief overview of the lectures that were done so it is easier to remember and possibly formulate better, more relevant questions	6/4/2024 6:48 PM
2	Provide more practice problems and allow students to ask questions about materials or confusing concepts.	6/3/2024 10:07 PM
3	He did a great job in making sure everyone's questions were answered. No notes.	5/27/2024 2:03 PM
4	Not really	5/26/2024 7:20 PM
5	Some students just get too much into the details with their questions I feel like there could be a more effective QA session	5/26/2024 4:11 PM
6	N/A	5/26/2024 12:19 PM
7	I wish there were 1:1 opportunities, it felt really difficult to interact with you but that's likely due to the massive number of students. You're a great professor, it's just that with how many students you have I'm not directly getting the help I need and I'm not comfortable asking questions in front of everyone so it felt like I often wasn't getting the help I need. If there is a way to sign up for specific office hour slots that might help but once again with how many students you have I'm not sure that would be feasible for you. I think you are handling the course quite well overall, this is simply just my experience. Amazing instruction overall.	5/26/2024 10:11 AM
8	No, I think it's the most personal way to ask specific questions and be in a small space with Dr. Iverson.	5/26/2024 10:05 AM
9	No. They are perfect	5/26/2024 10:01 AM
10	N/A	5/26/2024 9:57 AM
11	fine the way it is	5/26/2024 8:34 AM
12	Sometimes the "moments in history" ran a little long and interrupted the train of thought/questions students wanted to ask. It is important to learn things not in the curriculum but I don't necessarily think office hours is the time. Maybe switch it to the end so people who need to leave can exit and don't have to sit through non-test material.	5/11/2024 8:44 PM
13	No. I absolutely loved the way these office hours were held. People who attended seemed to be the most engaged in the class so the conversation and questions were a little bit higher level thinking and I really appreciated just hearing everyone. It reinforced any material being talked about or clarified things I was not sure about.	5/9/2024 11:42 PM
14	No, I really enjoyed how the office hours were structured as well as how Dr. Iverson taught the material and answered questions.	5/8/2024 3:09 PM
15	n/a	5/8/2024 2:35 PM
16	I do not have any suggestions, questions answered were answered thoroughly.	5/8/2024 2:07 PM
17	n/a	5/8/2024 1:22 PM
18	I enjoyed the Wednesday office hours! It was an office hours where people could ask more advanced questions and from those office hours, I could scope out what I need to understand to ask more advanced questions.	5/8/2024 12:35 PM
19	N/A	5/8/2024 10:15 AM

20	not really	5/8/2024 2:30 AM
21	They were very helpful! I'm having trouble thinking of a practical way to improve them that doesn't detract from them in some other way.	5/7/2024 7:27 PM
22	Nothing	5/7/2024 4:33 PM
23	Keep the same room - it was a nice environment	5/7/2024 4:31 PM
24	I think it was great!	5/7/2024 4:18 PM
25	No I think they were great many students have the same questions. I worked during the time of office hours so the recordings were very helpful	5/7/2024 2:10 PM
26	none, they were helpful	5/7/2024 1:08 PM
27	na	5/7/2024 12:18 PM
28	Not really. There were some very vocal students and the "let me answer your questions." sessions ended up being a pretty big use of time. If we are maximizing the return on time, it doesnt always makes sense to re-review content that some students are needing review for.	5/7/2024 11:41 AM
29	I loved attending these every Wednesday. I don't think they need any changing. They were very helpful in clearing up some things that I was confused on.	5/7/2024 11:37 AM
30	I would try to go through some of the difficult and complicated ideas from class and do synthesis problems.	5/7/2024 11:30 AM
31	N/A, filling in the flowchart was goated, please keep doing that.	5/7/2024 11:25 AM
32	More active problem solving	5/7/2024 11:14 AM
33	I wish he would post the notes	5/7/2024 11:10 AM
34	They are perfect and extremely useful.	5/7/2024 11:06 AM
35	N/A	5/7/2024 11:05 AM

### Q15 How many times did you attend or view a recording the Problem Solving office hours on Tuesdays and Fridays?

Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	67.42%	60
1-3 times	23.60%	21
4-6 times	5.62%	5
7-9 times	3.37%	3
10 or more times	0.00%	0
<b>TOTAL</b>		<b>89</b>

## Q16 If you attended or viewed a recording of the Problem Solving office hours on Tuesdays and Fridays, do you have any suggestions on how to improve them?

Answered: 30 Skipped: 59

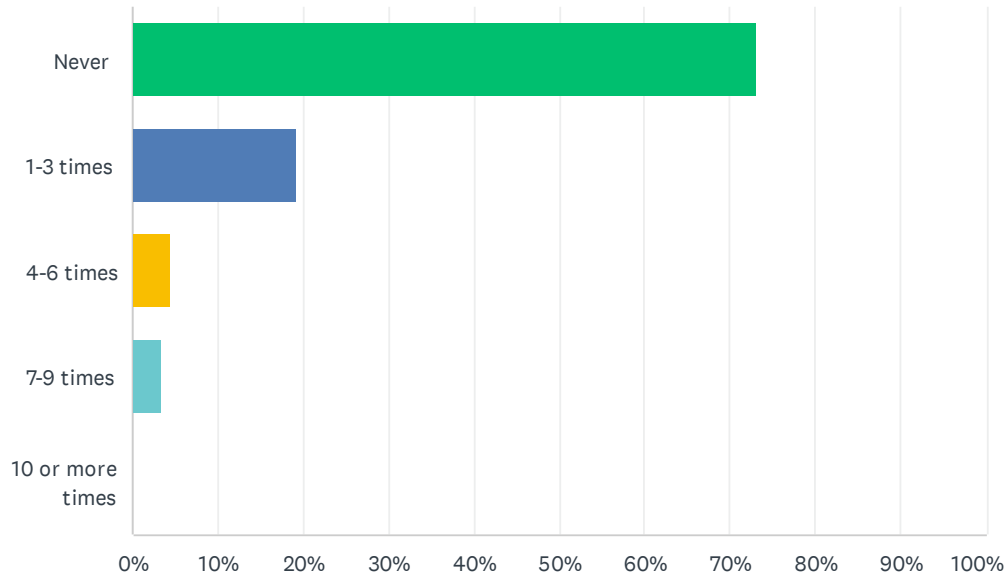
#	RESPONSES	DATE
1	I think going through the problems more cohesively would be beneficial, as well as making sure that we are not ahead of the materials we are learning in class.	6/4/2024 4:02 PM
2	I think allowing students to come up and solve problems would allow for engagement.	6/3/2024 10:07 PM
3	Maybe a short recap at the beginning?	5/27/2024 9:12 PM
4	Spending a longer time explaining the answers. Maybe make the packet shorter and give 5 minutes to one question, then go over it together and repeat.	5/27/2024 2:03 PM
5	N/A	5/26/2024 7:20 PM
6	N/A	5/26/2024 12:19 PM
7	I'm not sure if it was just the one i went to, but we had a lot of time to work on it by ourselves but didn't really get an explanation about what was right, so maybe spend more time explaining why the correct answer is correct.	5/26/2024 10:13 AM
8	Focus on material we must know for the exam, summarize what we just learned the previous lecture. Sometimes it felt very random and unstructured. Also it would help if we went through the homework that's due the following week. We are investing extra time to learn so I don't see anything wrong with going through it in my personal opinion.	5/26/2024 10:11 AM
9	N/A	5/26/2024 10:05 AM
10	N/A	5/26/2024 10:01 AM
11	I would tell students to try and work on the problems before you actually go to office hours. This way you have time to ask questions and finish the problem set.	5/26/2024 9:57 AM
12	n/a	5/13/2024 2:05 PM
13	n/a	5/11/2024 8:44 PM
14	n/a	5/9/2024 11:42 PM
15	n/a	5/8/2024 3:09 PM
16	n/a	5/8/2024 2:35 PM
17	n/a	5/8/2024 1:22 PM
18	N/A	5/8/2024 10:15 AM
19	I was busy both times for the Problem Solving office hour, so other available Problem Solving hours would have been appreciated	5/7/2024 9:54 PM
20	N/A	5/7/2024 7:27 PM
21	I did consistently use the handouts from these to study fir the exams which was very helpful	5/7/2024 2:02 PM
22	some weren't very structured and more just asking questions as needed - it felt more like a study hall. others were structured and much more helpful, so more like that would be good.	5/7/2024 1:21 PM
23	I never attended the active problem solving but I would point out that the recordings of those sessions are kinda janky. One time the recording tablet or ipad was locked, so all the screen recording did was record the lock screen.	5/7/2024 1:15 PM



24	Na	5/7/2024 12:18 PM
25	I wish they were more interactive- it felt like i just went there and was working by myself.	5/7/2024 11:55 AM
26	N/A	5/7/2024 11:41 AM
27	N/A	5/7/2024 11:30 AM
28	N/A	5/7/2024 11:25 AM
29	Clearer recording projection	5/7/2024 11:14 AM
30	N/A	5/7/2024 11:05 AM

### Q17 How many times did you attend or view a recording of TA Qifan Xiao's "Missed the Wave" office hours Monday afternoons?

Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	73.03%	65
1-3 times	19.10%	17
4-6 times	4.49%	4
7-9 times	3.37%	3
10 or more times	0.00%	0
<b>TOTAL</b>		<b>89</b>

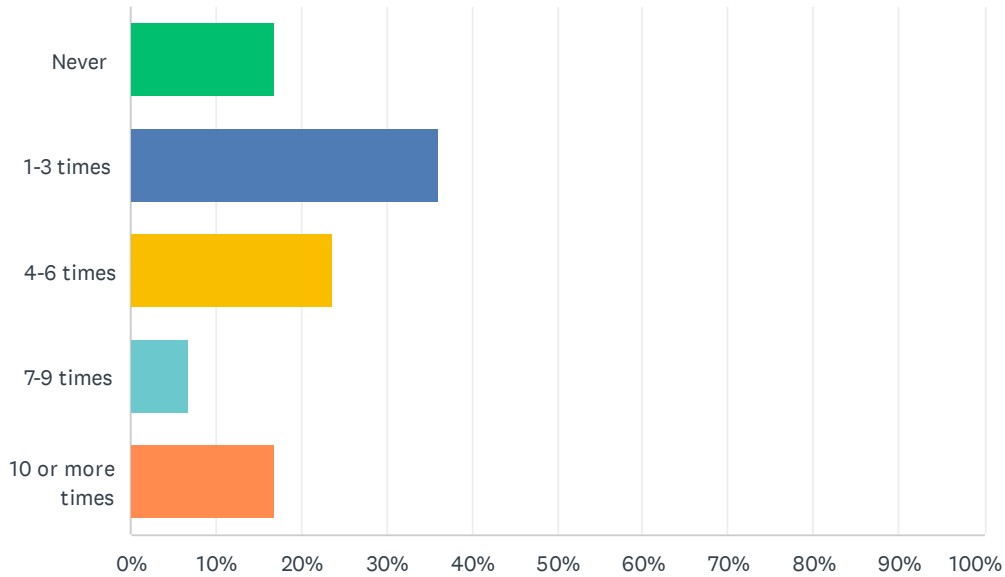
## Q18 If you attended or viewed a recording of Qifan Xiao's "Missed the Wave" office hours on Thursday afternoons, do you have any suggestions on how to improve them?

Answered: 24 Skipped: 65

#	RESPONSES	DATE
1	I think allowing students to work collaboratively or working collaboratively will help and encourage more proactive learning.	6/3/2024 10:07 PM
2	Not really	5/26/2024 7:20 PM
3	N/A	5/26/2024 12:19 PM
4	Although going over the lecture is helpful, I would suggest going over the reagents and the use of reagents in different examples.	5/26/2024 10:13 AM
5	First time wasn't helpful so I didn't go back so I can't speak on this much.	5/26/2024 10:11 AM
6	N/A	5/26/2024 10:05 AM
7	Great lessons	5/26/2024 10:01 AM
8	n/a	5/13/2024 2:05 PM
9	n/a	5/11/2024 8:44 PM
10	n/a	5/9/2024 11:42 PM
11	n/a	5/8/2024 3:09 PM
12	n/a	5/8/2024 2:35 PM
13	n/a	5/8/2024 1:22 PM
14	N/A	5/8/2024 10:15 AM
15	None, it was always very helpful.	5/7/2024 9:54 PM
16	N/A	5/7/2024 7:27 PM
17	NA	5/7/2024 4:18 PM
18	Na	5/7/2024 12:18 PM
19	I LOVE MISSED THE WAVE! I am a slow learner so taking the time to go over past homeworks and past lectures is so helpful.	5/7/2024 11:53 AM
20	N/A	5/7/2024 11:41 AM
21	N/A	5/7/2024 11:30 AM
22	N/A	5/7/2024 11:25 AM
23	No suggestions as it was very helpful, especially when specific problems were worked together.	5/7/2024 11:06 AM
24	N/A	5/7/2024 11:05 AM

### Q19 How many times did you log onto, or watch, a recording of the office hours broadcast Monday afternoons?

Answered: 89 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	16.85%	15
1-3 times	35.96%	32
4-6 times	23.60%	21
7-9 times	6.74%	6
10 or more times	16.85%	15
<b>TOTAL</b>		<b>89</b>

## Q20 If you logged onto or watched a recording of the simulcast virtual office hour broadcasts on Monday afternoons, do you have any suggestions on how to improve them?

Answered: 38 Skipped: 51

#	RESPONSES	DATE
1	Provide breakout rooms and answer questions from individual students.	6/3/2024 10:07 PM
2	No suggestions, they answered our questions even online and they were engaging.	5/27/2024 2:03 PM
3	I thought they were really helpful!	5/26/2024 7:20 PM
4	N/A	5/26/2024 12:19 PM
5	I didn't watch them enough to offer a suggestion.	5/26/2024 11:30 AM
6	I don't really have a way to improve them, to me they're perfect.	5/26/2024 10:13 AM
7	Thank you for doing these	5/26/2024 10:11 AM
8	I think that we could do even more practice problems collaboratively than we already did.	5/26/2024 10:05 AM
9	Best sessions of them all. Maybe try not to spend too long discussing one topic for a student.	5/26/2024 10:01 AM
10	Maybe more time to go over the homework questions.	5/26/2024 9:57 AM
11	perfect the way it is	5/26/2024 8:34 AM
12	Please keep setting aside time for "Moment in History"! Sometimes I came just to listen about that	5/26/2024 8:06 AM
13	no	5/11/2024 8:44 PM
14	No. I think that the way these office hours were held was very effective and helped me a lot.	5/9/2024 11:42 PM
15	No, I really enjoyed how the office hours were structured as well as how the material was taught and how questions were answered.	5/8/2024 3:09 PM
16	n/a	5/8/2024 2:35 PM
17	n/a	5/8/2024 1:22 PM
18	None! They are very interesting especially the moments in history.	5/8/2024 12:35 PM
19	I believe we should go over difficult practice homework questions and more difficult problems	5/8/2024 12:09 PM
20	N/A; they were great!	5/8/2024 10:15 AM
21	Try to have some problems that are most confusing ready to explain	5/8/2024 10:09 AM
22	None, it was very helpful.	5/7/2024 9:54 PM
23	The Monday office hours were very helpful! I appreciated that there was a TA to answer questions via the chat. This made me more comfortable asking specification questions that otherwise may have slightly interrupted Dr. Iverson's teaching.	5/7/2024 7:27 PM
24	Nothing	5/7/2024 4:33 PM
25	Love the room as well	5/7/2024 4:31 PM
26	NA	5/7/2024 4:18 PM
27	No again I was working so the recordings were my best option but I thought they were very helpful.	5/7/2024 2:10 PM

28	Maybe add timestamps that divide the recorded session topics. For example, if Dr. Iverson was reviewing nomenclature for the first 30 min, then switched to talking about enantiomers, someone could add a note that nomenclature was reviewed at 00:00 - 30:00	5/7/2024 1:15 PM
29	nope!	5/7/2024 1:08 PM
30	Na	5/7/2024 12:18 PM
31	I really liked these office hours and found them to be extremely useful.	5/7/2024 11:50 AM
32	They were enjoyable. I liked them.	5/7/2024 11:41 AM
33	I liked how they were online and they were helpful in practicing and material. I don't think anything needs changing.	5/7/2024 11:37 AM
34	They were amazing and glad they gave insight into some material, I would like for it to continue and for you to offer these hints that help others.	5/7/2024 11:30 AM
35	N/A	5/7/2024 11:25 AM
36	Active problem solving	5/7/2024 11:14 AM
37	No improvements as these are extremely engaging and useful	5/7/2024 11:06 AM
38	They were great!	5/7/2024 11:05 AM

## Q21 Please list the three most important things you learned in my class this semester.

Answered: 79 Skipped: 10

#	RESPONSES	DATE
1	How MRIs work, how to navigate complex synthesis questions, and unfortunately I can't think of a third one	6/7/2024 10:13 AM
2	1. where are the electrons 2. organic chemistry really is useful in the "real world" 3. how to study such a hard course	6/4/2024 6:48 PM
3	I learned the importance of synthesis problems and how active learning is applicable to my education. I learned the importance of organic chemistry in academic and outside settings, such as fentanyl addiction and how to avoid overdose of fentanyl. I also learned the importance of exercise and how taking care of yourself has a major impact on personal and academic life.	6/3/2024 10:07 PM
4	How to understand the flow of mechanisms, the significance and properties of different carbonyl group types, the great benefits of running	5/28/2024 12:15 AM
5	- The importance of exercise - Taking advantage of the learning pyramid - Ochem, to some extent	5/27/2024 9:12 PM
6	1. I finally understand why it is important to take chemistry in a pre-health path. I thought it was very important to learn and relate real life to the lectures. I found it important to understand how different medicine like penicillin work. 2. I learned a more effective way to study is to do practice problems and roadmaps to really cement the concepts in my brain. 3. How vision works.	5/27/2024 2:03 PM
7	That understanding everything on a conceptual level truly is the most important thing, There is plenty of support and resources out there for you to be successful, Personal health and fitness is very important to develop now in order to stay healthy later.	5/26/2024 10:16 PM
8	1. Catching the wave by understanding and not memorizing 2. Where the electrons are 3. How ochem relates to some of the things we encounter in our daily lives	5/26/2024 7:20 PM
9	Narcan, exercise, and how ochem saves lives!	5/26/2024 6:32 PM
10	How MRI works Information about drugs like Benadryl The information about Naloxone	5/26/2024 6:25 PM
11	Never give up - I caught the wave in the last week Don't hesitate to ask for help. Nicotine is bad for you	5/26/2024 4:11 PM
12	1. You don't always have to memorize, you need to understand the patterns behind it. 2. A little effort goes a long way 3. Keep your skills honed, don't get too comfortable.	5/26/2024 12:19 PM
13	1. How to predict a molecule's behavior 2. How to efficiently solve synthesis problems 3. How organic chemistry concepts are applied to the real-world, particularly in medicine	5/26/2024 11:30 AM
14	- Where are the electrons? - That I am capable of learning difficult material well - That Johnpaul is a very good friend to me. He helped me so much and I'm really grateful that I had his help and friendship along the way when I felt like I couldn't do it.	5/26/2024 10:35 AM
15	How to study correctly with others, how to study correctly independently for specifically myself, and time management with other heavy classes.	5/26/2024 10:13 AM
16	Where are the electrons MRI paragraph Nothing exists without the mechanics of chemistry and it is beautiful how we can manipulate it	5/26/2024 10:11 AM
17	1. How to problem solve from beginning to end. 2. How important it is to RUN or have other threshold exercise to keep your mind fresh. 3. Effective thinking (like you mentioned in office hours)	5/26/2024 10:05 AM

18	- How a MRI works - Where to find Narcan - Why exercise is important	5/26/2024 10:01 AM
19	Where are the electrons? Always work out and run! Organic chemistry allows for life to exist.	5/26/2024 9:57 AM
20	never procrastinate, exercise is important, and where are the electrons	5/26/2024 8:34 AM
21	1) How vision works 2) The learning pyramid (I forget the name) 3) How to critically think through a mechanism rather than memorize	5/26/2024 8:06 AM
22	Patience, Practice, and Hardwork	5/26/2024 6:49 AM
23	I learned 1. Never be afraid to ask questions 2. Failing is just a learning step 3. Go over your work to make sure you didn't make any silly mistakes	5/13/2024 2:05 PM
24	1. having a good professor can drastically change the learning experience/feelings on a subject 2. reaction mechanisms are cool 3. synthesis is extremely intuitive and not scary at all	5/11/2024 8:44 PM
25	1. Conjugation and how color works 2. How highly addictive drugs work 3. How naloxone works with opioids	5/9/2024 11:42 PM
26	Pattern recognition, the importance of Narcan, and what an MRI does	5/9/2024 5:55 PM
27	How to do synthesis, how drugs are made, how vision works.	5/9/2024 10:05 AM
28	1) With organic chemistry, things make more sense when you view it as a second language 2) Exercising regularly is key 3) Narcan spray is available at the PCL and can save a life	5/9/2024 9:53 AM
29	Carboxylic acid derivatives, aromaticity, enolates	5/9/2024 5:07 AM
30	I learned how to understand and complete mechanisms for each reaction. I learned how to do synthesis by recognizing KRE in the products. I learned how important it is to run.	5/8/2024 8:20 PM
31	-it is much easier to study when your mind is healthy -the best way for something to stick is getting it wrong -I learned to carry Narcan everywhere I go	5/8/2024 5:39 PM
32	1.) Further enhancing my synthesis problem solving skills. 2.) Learning how mechanisms truly work instead of just memorizing them. 3.) May not be what you are looking for, but our discussion about drugs and how obtaining an "antidote" from the PCL could save a life.	5/8/2024 3:09 PM
33	How to identify KREs in synthesis problems, you don't need to memorize the mechanism in order to do box problems, and where are the electrons?	5/8/2024 2:35 PM
34	1. KRE's are a great way of learning to recognize certain things to know what to do next. 2. Do all the Homework's and make sure you understand them. 3. Make a bond, break a bond, take a proton, and add a proton!!!	5/8/2024 2:07 PM
35	KRE's, a method to carry out synthesis problem solving, and how to think of organic chemistry in a new neurological way as opposed to just memorizing	5/8/2024 1:22 PM
36	1. Where are the electrons? 2. Knowing the personalities of molecules and compounds will greatly help you. 3. Exercise is important and good for you!	5/8/2024 12:47 PM
37	1. How to organize my thoughts and go through a problem 2. How to take initiative on my own learning and start attending office hours 3. The best method for my studying!	5/8/2024 12:35 PM
38	- The Bill Reaction. Oh No!! - Good vs Bad vs Ugly Groups - Relearning stereochemistry because that was material I struggled on last semester	5/8/2024 12:09 PM
39	1. Catching the wave is possible! 2. Golden Rules of Organic Chemistry 3. KRE's!!	5/8/2024 10:15 AM
40	Amides are one of the most important molecules. Enolate chemistry can be used to make anything. Many molecules are derivatives for acids we use in everyday life	5/8/2024 10:09 AM
41	focus on understanding course content instead of memorization, be patient in your learning, it's okay to ask for help	5/8/2024 2:30 AM
42	How to study, collaboration, dedication	5/7/2024 10:10 PM
43	Understanding and application over memorization Practice solidifies learning and long term memory I should really start running	5/7/2024 9:54 PM
44	1. The danger of opioids 2. Amides and their importance 3. The significance of exercise	5/7/2024 7:27 PM



45	How complex chemistry is applied in the everyday world, critical thinking, and improved study habits	5/7/2024 6:31 PM
46	Where are the electrons? Exercise is immensely helpful and I should take care of my health. There is OChem in many real world experiences.	5/7/2024 4:33 PM
47	1. Where to get Narcan, 2. With effort, anyone can successfully engage a class, and 3. Neuroscience is really helpful	5/7/2024 4:31 PM
48	1. Behavior of nucleophiles/electrophiles in mechanisms 2. Enolate chemistry/reactions 3. Ways of stabilizing electrons/aromaticity	5/7/2024 4:18 PM
49	Everything. I can't narrow it down to 3, it was all important.	5/7/2024 2:43 PM
50	Where the electrons are. Running and exercise is healthy for you. Fentanyl is dangerous.	5/7/2024 2:43 PM
51	1) importance of exercising 2) roadmaps are useful 3) distilling mechanisms down to KREs are useful	5/7/2024 2:43 PM
52	1) understanding is much more beneficial than memorizing in learning material 2) Patience is key with ochem because you can't give up on understanding, it takes a lot of effort. 3) Ask for help when needed, I had a small question a few times and the TAs and Dr. Iverson had no hesitation to help. It's hard to think you can get so much help in such a large class but that is completely inaccurate	5/7/2024 2:10 PM
53	"do something to learn something" MRI... This class definitely strengthened my work ethic	5/7/2024 2:02 PM
54	Time management, understanding and not memorizing, collaborative with others	5/7/2024 1:45 PM
55	how opioids and naloxone work and the importance of carrying narcan, how plant molecules allows us to see, and how mri works	5/7/2024 1:21 PM
56	Biochemistry is like organic chemistry as physics is to math. Acid and base medium mean that you can/cannot have certain +/- charges. fentanyl bad	5/7/2024 1:15 PM
57	1. Functional groups react the same in more complex molecules. 2. Fentanyl is serious problem due to how easy it to synthesize and its potency. 3. The pKa value of a compound can help you predict how it will react with other compounds.	5/7/2024 1:10 PM
58	to exercise and its importance! the effects of nicotine and how addicting it can be. and how MRI's work!	5/7/2024 1:08 PM
59	1. Exercise 2. 4 Mechanistic Elements 3. Narcan	5/7/2024 12:52 PM
60	1. The reason why Fentanyl is easy to synthesize, the way Naloxone works and how to obtain it from the PCL 2. Exercise helps us stay young past our 25 year warranty 3. Understanding where the electrons are helps us predict how reactions will proceed	5/7/2024 12:26 PM
61	Stay accountable, critical thinking, working independently	5/7/2024 12:18 PM
62	Understand don't memorize Ask for help early Keep exercising	5/7/2024 12:17 PM
63	1) I feel like I really understand how/where electrons move in given situations 2) Real-life applications of Ochem that made me want to learn the course out of relevance 3) The importance of staying fit	5/7/2024 11:55 AM
64	-exercise is important -MRI passage -naloxone is available at PCL	5/7/2024 11:53 AM
65	1. Organic chemistry is all around us and it is incredible the things we understand and have been able to solve because of it 2. Exercise is absolutely vital to living a long and healthy life 3. Taking the extra time to understand and not just memorize serves an extremely important purpose	5/7/2024 11:50 AM
66	1. Carboxylic Acid Chemistry 2. Enolate Chemistry 3. Some Benzene Reactivity	5/7/2024 11:41 AM
67	How different drugs work Why proteins can fold DNA structure at a chemical level	5/7/2024 11:38 AM
68	MRI, how vision works, why DNA bases are flat	5/7/2024 11:37 AM
69	How MRI works, how to do synthesis problems easily, and how we see along with the other drugs discussed and how they work.	5/7/2024 11:30 AM

70	Where are the dang electrons? Being inquisitive with the information I learn helps ingrain it with my memory since I'm trying to use it, and not just memorize it. ... The popular medical diagnostic technique of magnetic resonance imaging (MRI) is based on the same principles as NMR, namely the flipping (ie resonance) of nuclear spins of H atoms by radio frequency irradiation when a patient is placed in a strong magnetic field. Magnetic field gradients are used to gain imaging information, and rotation of the gradient around the center of the object gives imaging in an entire plane (ie slice inside patient). In an MRI image, you are looking at individual slices that when stacked make up the three-dimensional image of relative amounts of H atoms, especially that H atoms from water and fat, in the different tissues.	5/7/2024 11:25 AM
71	- the method of knowing and not memorizing - the importance amine in protein structures - how we see colors	5/7/2024 11:20 AM
72	1. all of the KREs 2. how to synthesize more complex molecules 3. How ochem2 relates to real life applications like drug discovery	5/7/2024 11:16 AM
73	Importance of running Where are the electrons MRI	5/7/2024 11:14 AM
74	The three most important things I learned this semester: how dangerous nicotine is, how important exercise is, and how to understand organic chemistry and apply it to the real world.	5/7/2024 11:14 AM
75	Where are the electrons, MRI definition, pharmaceuticals and their mechanism of action.	5/7/2024 11:10 AM
76	MRI COVID Vaccine Carbohydrates	5/7/2024 11:06 AM
77	the four steps in all mechanisms, understanding why a nucleophile attacks where they do,	5/7/2024 11:05 AM
78	Keep exercising no matter what age you are to improve mental and physical health. Memorizing things isn't the best way to learn a lot of the time. If you associate learning with fun things like Dr. Iverson did it makes it a lot easier.	5/7/2024 11:02 AM
79	1: Where are the electrons 2: The importance of running 3: The importance of ending the fentanyl crisis	5/7/2024 11:02 AM

## Q22 Is there anything you did as a student that helped you in the course that has not been covered in this survey? I will pass along these suggestions to my class next year.

Answered: 59 Skipped: 30

#	RESPONSES	DATE
1	Emphasizing working/studying ahead of the midterms and final, I would not have been able to retain as much as I did for these exams if I did not block out time to study at least one week in advance.	6/4/2024 6:48 PM
2	I worked out a lot of practice exam problems and made sure I can do the homework and exams without any resources to help me. I made sure to time myself and not look through notes when doing a practice exam to allow myself to get comfortable and replicate taking the exam.	6/3/2024 10:07 PM
3	You shouldn't fall behind, but if you do, don't waste the already limited time lamenting your bad choices. The website is a gold mine.	5/27/2024 9:12 PM
4	I studied in a group days before the exam so what ever I did not understand others did and we would bounce ideas off each other. I rewatched the lectures and then did the homework right after to review. I also redid all of the homeworks before each exam and did a road map!!!!	5/27/2024 2:03 PM
5	Attend the lectures, do the homework/practice exams, and stay on top of the material!	5/26/2024 7:20 PM
6	Get together with someone who takes this class with you and study with them. It helps cover concepts that you are unsure of, but also let you teach yourself while teaching others. It also stays in your head longer because you have the memory of studying it with someone else instead of repetitively studying all the materials by yourself.	5/26/2024 6:32 PM
7	Use the problem session problems as a way to study for the exam.	5/26/2024 6:25 PM
8	N/a	5/26/2024 4:11 PM
9	If you get homework answers for questions you do not understand, make sure that you go back and ask the person you got it from to explain it to you or try to understand how they got there.	5/26/2024 12:19 PM
10	I will just reiterate that completing the homework problems with a group was extremely helpful. My group members and I would listen to each other's explanations and offer corrections or different points of view that would make learning the content more easy. On that note, I would also say to take a very serious approach with your homeworks, even though they are completion grades. When you understand the homeworks, you'll find that studying for the exams is much easier.	5/26/2024 11:30 AM
11	Going to the Sanger Learning center often. I had 1-2 sessions before each exam. One about a week before the exam and one more 2-3 days before the exam	5/26/2024 10:35 AM
12	I would fill out pages of things I thought was important and put them on my wall so I could always see them, that's how I learned the paragraph while I folded laundry and how I learned the Bad Ugly and Good groups.	5/26/2024 10:13 AM
13	Flashcards of all the mechanisms and matching them (making it a matching game was more enjoyable and engaging)	5/26/2024 10:11 AM
14	I liked to do my homework's again once I had a thorough understanding of the material.	5/26/2024 10:05 AM
15	Flashcards are very useful	5/26/2024 10:01 AM
16	I always made sure to review my class notes and look at his posted notes to add anything I missed. I went to the Tuesday problem sessions to actively work on problems and see what I did not understand. I did a lot of past exams to prepare for the midterms and final.	5/26/2024 9:57 AM

17	Collaborating with different people, working with others keep yourself engaged in the content and procrastinate less. And plus don't be afraid to approach someone for help, maybe they're the same as you but can't make the first move.	5/26/2024 8:34 AM
18	Utilize the sanger tutors.	5/26/2024 6:49 AM
19	Even if you think you don't know it, it is better to do as many practice problems you can rather than content review. You will learn more, the more you practice	5/13/2024 2:05 PM
20	big emphasis on rewriting notes after class and making your own study sheets	5/11/2024 8:44 PM
21	Just doing a little bit of OChem every day was the most helpful. I think I did a little bit of OChem monday - sat (20 min at least or so) and it did not feel like I was doing much but when it came to exams and especially the final, I did not feel like I had much to study for except do some practice and review. Talking things out with people and explaining it will seriously be a game changer, so many times when I was explaining something I cleared up some of my own questions and reinforced the material.	5/9/2024 11:42 PM
22	For anyone that struggled (like me) in ochem1, it is never too late to catch the wave :) When you're feeling lost when studying for the exams, start by reviewing and practicing the mechanisms. Do the practice midterms a few days before the exam so you have time to review and understand your mistakes.	5/9/2024 9:53 AM
23	I suggest that every student understand the KRE charts!	5/8/2024 8:20 PM
24	No, everything I did that helped me in this course was included on the course website.	5/8/2024 3:09 PM
25	To be successful in Ochem, it really is just practice. Keep up with content and practice as much as possible, especially on synthesis problems. Because then you start seeing patterns and everything becomes easier. I used to not be able to even attempt synthesis problems in Ochem 1 because I didn't even know where to start. However, on the final, I thought the synthesis problems were the easiest part. As long as you practice and utilize the vast amount of resources given to you, you will do great!	5/8/2024 2:35 PM
26	Explore the class website to see what you can do to create the best studying method for you! The most effective studying for me started with going over the mechanisms and putting them on the mechanism sheet that included the KRE's, going over homework for that midterm and past exams.	5/8/2024 2:07 PM
27	Knowing that your grade in ochem 1 will not define how you will do in ochem 2. I did pretty bad in ochem 1; I got a C-, and being able to let go of that anxiety and fear of the same thing happening in ochem 2, and reminding myself that this is a fresh start allowed me to succeed and earn an A- :).	5/8/2024 12:47 PM
28	I had a notebook that I wrote down every single reaction and important bits of information so I could look back and quickly find things I needed. Without this notebook, I'm not sure I would've done as good as I did in this class. Definitely recommend and doesnt take as much time as I thought it would!	5/8/2024 12:35 PM
29	Writing out the KRE's and working on the homework as you learn the material will prevent you from stressing over it last minute. Additionally, spend the time to understand the mechanism so you can almost see what is happening in your head and it is not all just memorization based.	5/8/2024 12:09 PM
30	N/A	5/8/2024 10:15 AM
31	go back to the answer keys after doing the homework and understand why the answer is the way it is	5/8/2024 2:30 AM
32	Accepting that I needed help and attending Qifan's "Missed the Wave" office hour really helped me. Organic chemistry is hard and missing the wave at the beginning is okay, which is something I had to learn that in order to improve.	5/7/2024 9:54 PM
33	The best way to succeed in Organic Chemistry is to practice the material. Doing is learning.	5/7/2024 7:27 PM
34	The class is built to where if you keep up with lectures and daily quizzes, and do the homework each weekend, you're going to have very little to actually study for the exam. Preparing for exams wasn't stressful at all for me because I had already thoroughly gone over all the concepts and mechanisms and understood them.	5/7/2024 4:33 PM

35	Make your own KRE flashcards or a huge sheet with all the reactions and do it early in the semester, seriously.	5/7/2024 4:31 PM
36	Make sure to go through lecture notes before exams, and if there is material that you don't understand in the notes, watch the lecture video associated with the notes!	5/7/2024 4:18 PM
37	Writing reviews that contained the reactions, the mechanisms, and important concepts.	5/7/2024 2:43 PM
38	I think for me flash cards and manually writing things down to study certain things like KREs besides understanding was crucial for the beginning for me to learn reactions. But, definitely the most important thing is to make sure you understand how the chemistry works.	5/7/2024 2:10 PM
39	just because it won't be on the exam doesn't mean it isn't important. the real world discussions made me so much more motivated to understand the material. seeing the big picture helps orient you, reminding you what you are working for.	5/7/2024 1:21 PM
40	I would highly recommend that students associate/ memorize the reaction name with the reaction reagents because (ik memorization bad BUT) for me, it was easy to remember the name wolff kishner and know it overall removed carbonyls. It was super hard to remember that a NH <sub>2</sub> - NH <sub>2</sub> reagent does the wolff kishmer reaction.	5/7/2024 1:15 PM
41	I frequently went to the SI sessions and I found it very collaborative and helpful in helping to consolidate my understanding of the course material.	5/7/2024 1:10 PM
42	make sure you are doing the homework on your own. copying and trying to find shortcuts just does not work	5/7/2024 1:08 PM
43	YOUTUBE!! I would not have understood aromaticity or directing groups without YouTube videos	5/7/2024 12:52 PM
44	Making reaction roadmaps for each unit helped solidify a long-term memory	5/7/2024 12:26 PM
45	na	5/7/2024 12:18 PM
46	Treat the homework assignments like mini exams	5/7/2024 12:17 PM
47	I think the most beneficial thing int his class is repetition. Do all the homework and really think through them. Most of all, understand what problems you got wrong and why. Go through 3-4 practice exams from previous years, try to do them multiple times, and understand exactly why you made each mistake. By learning from your own mistakes and repeating questions, the foundation of the course gets instilled within you and you really are able to "catch the wave."	5/7/2024 11:55 AM
48	use ed discussion to get your questions answered quickly.	5/7/2024 11:53 AM
49	One of the biggest study strategies that I adopted this semester was going through my notes after each week and re-writing them into a single document that I could reference when working on the homework or studying for the midterms and the final. Re-writing the information helped solidify the concepts for me, and having all of the information in one place made studying seem much less overwhelming. I also broke up my studying across 5+ days to really give myself time to absorb the information which was very beneficial. I also downloaded the blank mechanism sheets document from the website and probably filled out each one at least 10 times by the end of the semester while studying.	5/7/2024 11:50 AM
50	Solving problems is the crux of this course. There are plenty of references to fill in the necessary knowledge gaps, such as lectures, office hours by various names, and the textbook. If you do this right, it will never look like you reading through the textbook and trying to regurgitate it on an exam. It will look like you stumbling through the homework and thinking its way too hard, figuring out how to solve the hard problems after getting them wrong, and never forgetting those problems again because the fear of failure is driving us all forward into destiny. Also, if you approach the class like its a problem solving course you really start to like it. Its what Dr. Iverson calls "catching the wave." Its that flow state when you can just see what is going to happen and don't have to rely on memorization.	5/7/2024 11:41 AM
51	I made reaction sheets for each exam that had all the reactions we learned to keep track of and study them.	5/7/2024 11:38 AM
52	I think just staying on top of things and if your confused on something, go to the next office hour and get it answered so that you don't fall behind.	5/7/2024 11:37 AM
53	I did not use the KRE sheet all semester but after using it on the 3rd midterm when I was low	5/7/2024 11:30 AM

on time to study, it actually helped and I used it for the final. Along with memorizing the roadmaps and doing each mechanisms sheet for the reactions and working through past midterms and home works really helped. I usually looked at the answer sheet and would stare and try to figure out why that is correct and how some things are the same when you catch the wave.

54	Reviewing all the KREs for the HW and the midterms.	5/7/2024 11:25 AM
55	I recommend coming up with your own synthesis questions. Pick 2 starting materials and just randomly apply a reagent and see what happens. A lot of times no reaction is possible, but that still gives insight into the reaction.	5/7/2024 11:16 AM
56	Fill out the mechanism sheets until you get the mechanism	5/7/2024 11:14 AM
57	My main recommendation would be to spend time with the material. I did not spend much time for each midterm and it showed. However, for the final I spent a lot of time sitting with it and finding out what I did and did not understand. I finally caught the wave once I did that. Practice problems were the most important tool for studying. They show you exactly where your understanding is lacking. I would not have passed this class without them.	5/7/2024 11:14 AM
58	Not that I can think of.	5/7/2024 11:06 AM
59	I would say to keep trying to understand the material even when you feel completely lost. Try not to compare your success to others because I did not feel confident with the material until the day before the final whereas others felt completely fine throughout the semester, so it can happen to anyone at anytime.	5/7/2024 11:05 AM

## Q23 Please list any ways in which I can make the class better

Answered: 56 Skipped: 33

#	RESPONSES	DATE
1	Making the weekly homework due later in the night as opposed to 10:00 pm would be an enjoyable change. 10:00 always felt too short of a deadline.	6/7/2024 10:13 AM
2	keep doing what youre doing!	6/4/2024 6:48 PM
3	The way this class is taught is already great. Potentially promoting collaborative work amongst peers to tackle difficult problems can allow for more students to be engaged in the material.	6/3/2024 10:07 PM
4	Thank you so much for an amazing semester, Dr. Iverson!	5/28/2024 12:15 AM
5	Perhaps a beginning of semester survey to see what gaps students had in their ochem knowledge? I struggled a lot to adjust to the level of nomenclature in iverson's class, as well as the way he drew molecules, as stupid as that sounds. There were also some things we barely glossed over in ochem 1 that came back with a vengeance.	5/27/2024 9:12 PM
6	I honestly enjoyed the class so much, it was engaging and the workload was reasonable. I don't know what else could be done to make it better other than bringing felix back.	5/27/2024 2:03 PM
7	You are great and people should make a religion out of you	5/26/2024 6:32 PM
8	n/a	5/26/2024 6:25 PM
9	You are awesome Dr. Iverson	5/26/2024 4:11 PM
10	Class was the best.	5/26/2024 12:19 PM
11	No notes! This was genuinely the best time I've had in a science course at UT since Intro Bio I. I felt particularly hopeless after my experience in Ochem I, so this class definitely renewed my faith in my ability to understand Ochem as a subject. The class is perfect as is.	5/26/2024 11:30 AM
12	Grade the first few homework's for fewer points or for completion	5/26/2024 10:35 AM
13	Perhaps put a little more focus on the office hours.	5/26/2024 10:13 AM
14	There is so much going on all week that perhaps a weekly recap would be nice. Also listing the chapters on the packets would be super helpful! It is clear you're passionate about what you do so thank you for making a very challenging course as engaging as possible. If you could just shorten the exams this class would be something students always look forward to!	5/26/2024 10:11 AM
15	N/A	5/26/2024 10:05 AM
16	I think your class is perfect and your engagement with students is phenomenal	5/26/2024 10:01 AM
17	N/A	5/26/2024 9:57 AM
18	Other than unit 2's timing, you really have this class down to an art. Have a great summer!	5/26/2024 8:06 AM
19	The class is already so great!	5/26/2024 6:49 AM
20	This class has been great and has taught me to not give up on myself. Even though I heavily doubted my abilities, this class has allowed me to be able to persevere through negative thoughts. The way this class is set up is great, and I don't have any suggestions for improvement.	5/13/2024 2:05 PM
21	offer more TA support for asking one-on-one questions, sometimes it helps if you have a specific question to be able to talk to a TA in person rather than on Ed Discussion	5/11/2024 8:44 PM
22	I literally have no ideas. This class was absolutely amazing.	5/9/2024 11:42 PM
23	I'm truly so grateful that I got to take this course with you this semester. Thank you so much for believing in your students, and pushing us to thrive in this course (and beyond!).	5/9/2024 9:53 AM

24	I truly think that an inverted classroom (Straumanis) was what helped me to learn better last semester in OChem 1. It allowed me to work through problems while learning the material and ask questions during class at my own pace, whereas lectures this semester felt optional and I often felt a pressure to not fall behind listening or taking notes, which could be difficult especially since I don't have a tablet. Otherwise, I think making the class notes more organized would also help a lot.	5/9/2024 5:07 AM
25	Making the test and final more flexible! I understand that it is hard to give alternate times for a three hour tests, but I was in a precarious health situation and there wasn't any way to accommodate for it. Everything else was top notch!	5/8/2024 5:39 PM
26	I truly do not believe you could make this class any better. You did so much to help us succeed. You made lectures fun and engaging instead of boring and dull which I believe allowed us to understand, learn, and comprehend the course material very well. Office hours, problem solving sessions, and the resources provided in this class really made the material a lot easier to learn. Thank you all for everything you guys did for us this semester, I really appreciate it!	5/8/2024 3:09 PM
27	I loved this class, it was very interactive and I feel I was able to give this class my all. I cannot think of any way this class can get better!	5/8/2024 2:07 PM
28	THIS IS THE BEST CLASS I HAVE TAKEN THROUGHOUT MY EXPERIENCE THUS FAR AT UT AUSTIN. DR. IVERSON IS PERFECT	5/8/2024 1:22 PM
29	None! This class was perfect for me and a lot of my other peers.	5/8/2024 12:35 PM
30	I believe this class very well designed! I want to thank Professor Iverson for allowing me to take this class as I had to reach out to him for this opportunity. This was one of the most enjoyable classes that I have had as an undergraduate. I think more practice questions would be helpful as I felt like I had gone through the homework 10x over and over to ensure I understood the material.	5/8/2024 12:09 PM
31	N/A; this class helped me believe in myself again and boosted my confidence academically, Dr. Iverson and his team are amazing.	5/8/2024 10:15 AM
32	the class was well organized and thought out, i have no suggestions	5/8/2024 2:30 AM
33	None, the format, resources, and teaching was all great.	5/7/2024 9:54 PM
34	The similarities between the homeworks, the past tests, and the upcoming tests made me feel very confident studying the material. I learn best by practicing and applying the material, and making the tests as similar as possible to the available practice material helped me feel secure during my studying. Please don't change this!	5/7/2024 7:27 PM
35	Nothing, thank you for the semester!	5/7/2024 4:33 PM
36	You were AMAZING! Never retire and it will be a huge service to every future pre-medical student.	5/7/2024 4:31 PM
37	I think the one place in the year I missed the wave was in the mechanisms unit, because on that one class day we had to go through several mechanisms quickly and it was TA-led since Dr. Iverson couldn't be there. Uploading videos of those mechanisms could have helped as a way to go back and review them.	5/7/2024 4:18 PM
38	I don't think this class can really get any better, one thing that some of my friends struggled with was motivating to study early and make a concrete timeline. Maybe you can give advice on timelines when students should begin studying little amounts more and more as we got closer to the test to encourage them.	5/7/2024 2:10 PM
39	An overview of the lecture notes during lecture would be good. I know we had that fun overview of how MRI is NMR and airplane glue is dynamite etc but I think it would be also helpful to explicitly tell the class how today's lecture is structure. For example, "today's lecture will begin with at a fun image, learning a reaction mechanism, going through synthesis problems, and a molecule of the day". This would probably help a lot of students that struggle to write notes really fast. Maybe a reminder to do the daily quizzes. I dont know why but I kept forgetting to do the Daily Quizzes. Maybe more informed feedback on the homeworks on gradescope. Given that some homeworks will only have a question that graders consider, I feel like more specific explanation of why the answer was right/wrong would be an improvement to the current gradescope explanations (which are like "missing/incorrect racemic structure". Then I	5/7/2024 1:15 PM



wonder which one; was my answer missing something or was it not racemic?) Maybe smaller images on the printout lecture copies. Pictures of animals are super cute but when there are multiple of them each a page big the physical packet becomes a bit unwieldy. I wish there was like a big list of intermediate characteristics. This would help with mechanisms as a bit of memorization is necessary in order to recall what are naturally nucleophiles, electrophiles, and what Hs (ie the Hs between the double ketones) are super acidic. I wish the roadmap did show images of the names of the molecule. I know you said that there were a lot of molecules that an aldehyde or ketone or something could be which is why you did not include skeletal structures on the roadmap, but for the longest time I could not remember what a ketone or aldehyde or diketone looked like at all. Maybe you can show a skeletal structure of a molecule with a customized symbol or a text that says this is an example of a diketone or something.

40	none! Dr. Iverson you are so awesome!	5/7/2024 1:08 PM
41	Organize lecture notes! I sometimes felt lost when you would jump around from the lecture notes posted to creating new notes. I feel like most of the notes were applicable to hw, midterms, and synthesis questions. So, maybe at the end of the lecture you can do a fun segment where you do those notes in addition to the lecture notes.	5/7/2024 12:52 PM
42	Providing hand-drawn reaction roadmaps for each unit could help. The roadmaps from the textbook are good but they don't follow the 320N template provided and use slightly different terminology.	5/7/2024 12:26 PM
43	It would be useful to have the homework assignments visible on the canvas dashboard. I completed a homework assignment but never turned it in because I assumed it was complete since there was nothing on the dashboard (I understand it's my own fault, but the extra reminders would be helpful)	5/7/2024 12:18 PM
44	Doing more practice problems in class would be helpful in my opinion.	5/7/2024 11:55 AM
45	Being more responsive on ed discussion would be nice given its a quicker way to answer questions.	5/7/2024 11:53 AM
46	I thought this class was truly incredible. Organic chemistry was one of the pre-med classes I was most anxious about, and turned out to be one of my favorite classes I've taken at UT. The only thing I wish was different was the level of communication on behalf of the TAs on Ed Discussion. I had many posts that went completely unanswered which was frustrating at times.	5/7/2024 11:50 AM
47	If you want to test something, it should first be practiced in homework. Areas of an exam where we all suffered were areas that weren't covered in homework first. It is also a challenge if they weren't covered in previous years midterms where we could access similar content.	5/7/2024 11:41 AM
48	I think it would be extremely helpful if you spent more time explaining why/how things work like mechanisms and synthetic schemes rather than just doing them.	5/7/2024 11:38 AM
49	I loved this class. I don't think anything needs changing or improvement.	5/7/2024 11:37 AM
50	I would do more roadmaps and KREs for all the reactions we learn and possibly a big one at the end so students can see how something can be made from anything we learned in class.	5/7/2024 11:30 AM
51	N/A, you're rockin' it.	5/7/2024 11:25 AM
52	Dr. Iverson is the best organic chemistry professor in the country. He makes a hard, daunting class extremely interesting and fun. I cannot think of a way to make the class better.	5/7/2024 11:14 AM
53	Organize the notes	5/7/2024 11:10 AM
54	Your class is absolutely perfect and I wouldn't change a thing. Dr. Iverson you are truly the best professor I have ever had.	5/7/2024 11:06 AM
55	I think you did an incredible class, maybe sending more optional practice problems would be helpful to prep for midterms but with the amount of previous midterms posted this is just one more resource.	5/7/2024 11:05 AM
56	None	5/7/2024 11:02 AM

# Q24 How many times are you going to go running or otherwise work out next semester to stay fit?

Answered: 89 Skipped: 0

