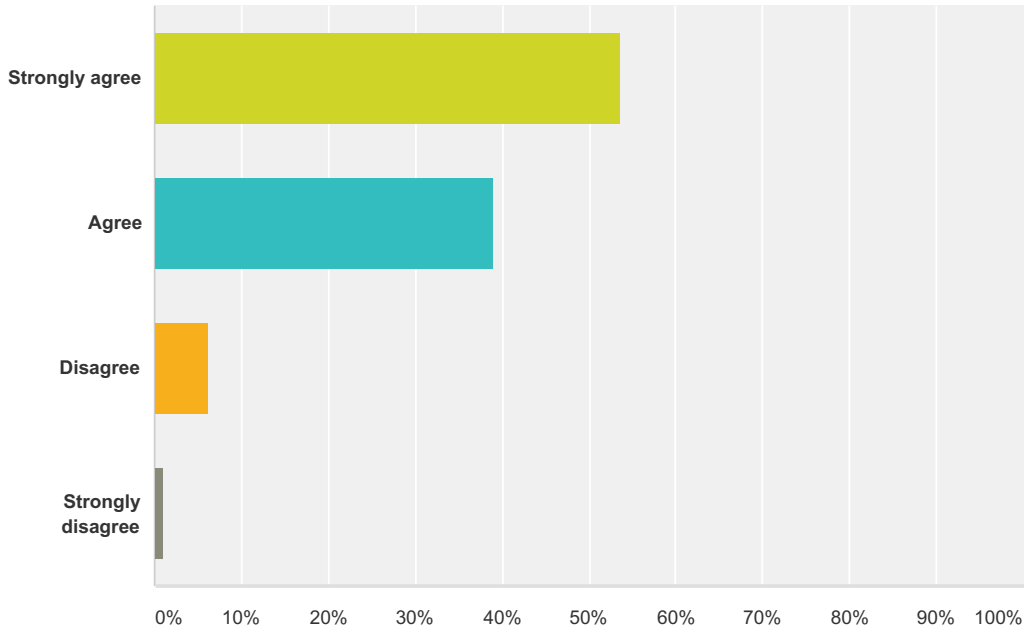
Q1 I feel as though I caught the Organic Chemistry Wave

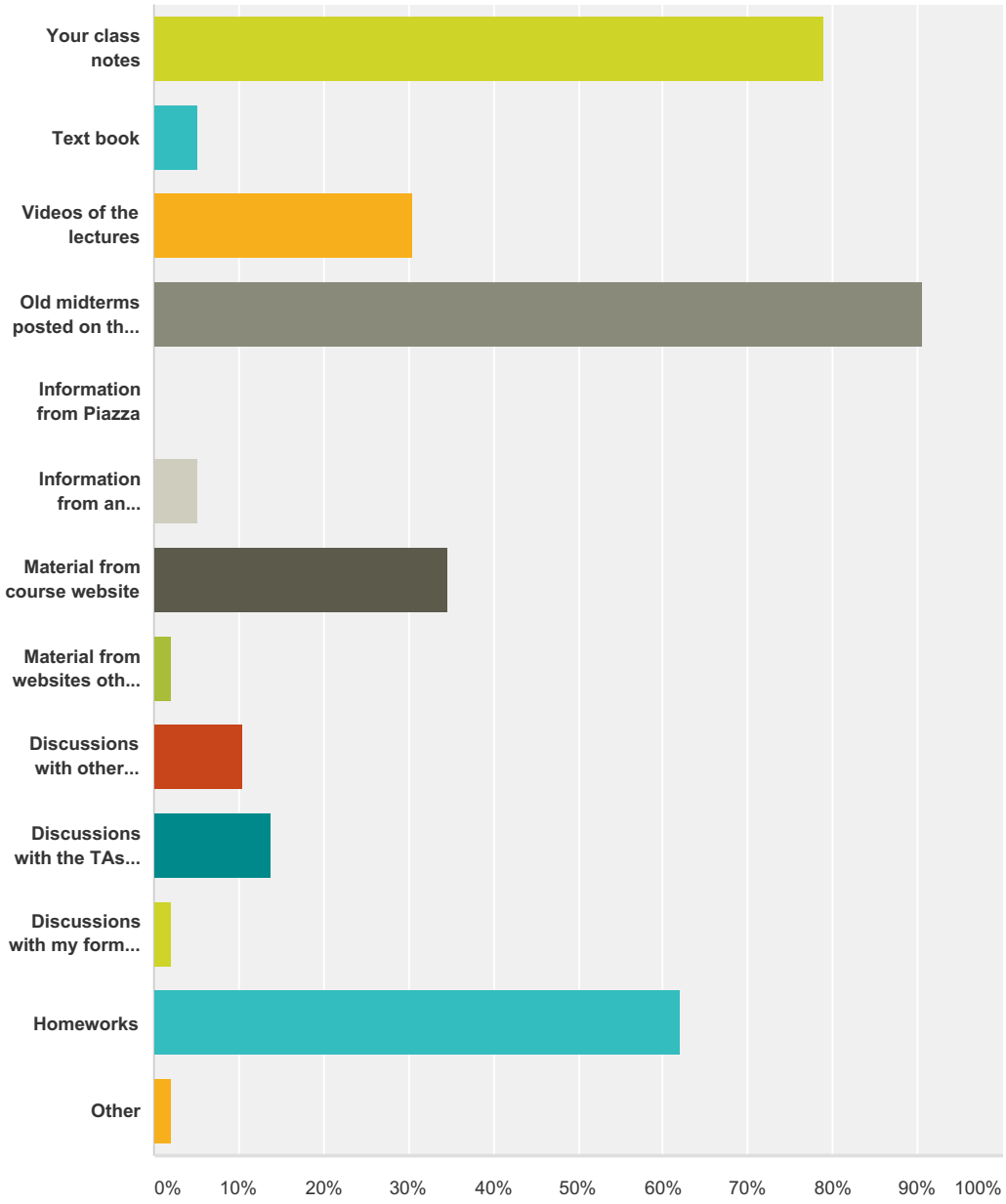
Answered: 95 Skipped: 0



Answer Choices	Responses	
Strongly agree	**53.68%**	51
Agree	**38.95%**	37
Disagree	**6.32%**	6
Strongly disagree	**1.05%**	1
Total		**95**

Q2 What were the THREE most important resources you used to prepare for the midterms?

Answered: 95 Skipped: 0

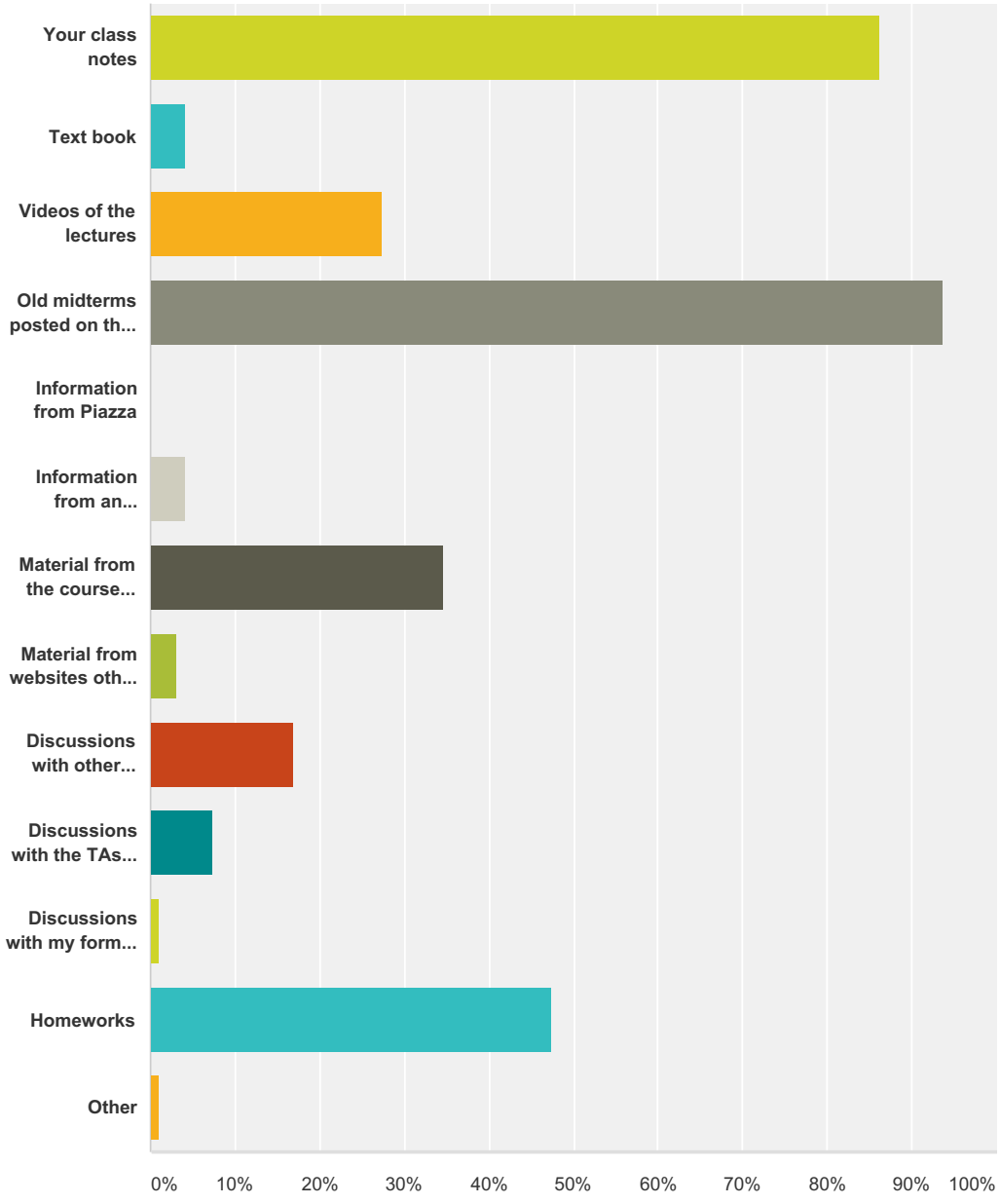


Answer Choices	Responses	
Your class notes	78.95%	75
Text book	5.26%	5
Videos of the lectures	30.53%	29
Old midterms posted on the course website	90.53%	86
Information from Piazza	0.00%	0

Information from an unofficial course Facebook page	**5.26%**	5
Material from course website	**34.74%**	33
Material from websites other than the course website	**2.11%**	2
Discussions with other students	**10.53%**	10
Discussions with the TAs or the professor	**13.68%**	13
Discussions with my former students	**2.11%**	2
Homeworks	**62.11%**	59
Other	**2.11%**	2
Total Respondents: 95		

Q3 What were the THREE most important resources you used to prepare for the final?

Answered: 95 Skipped: 0

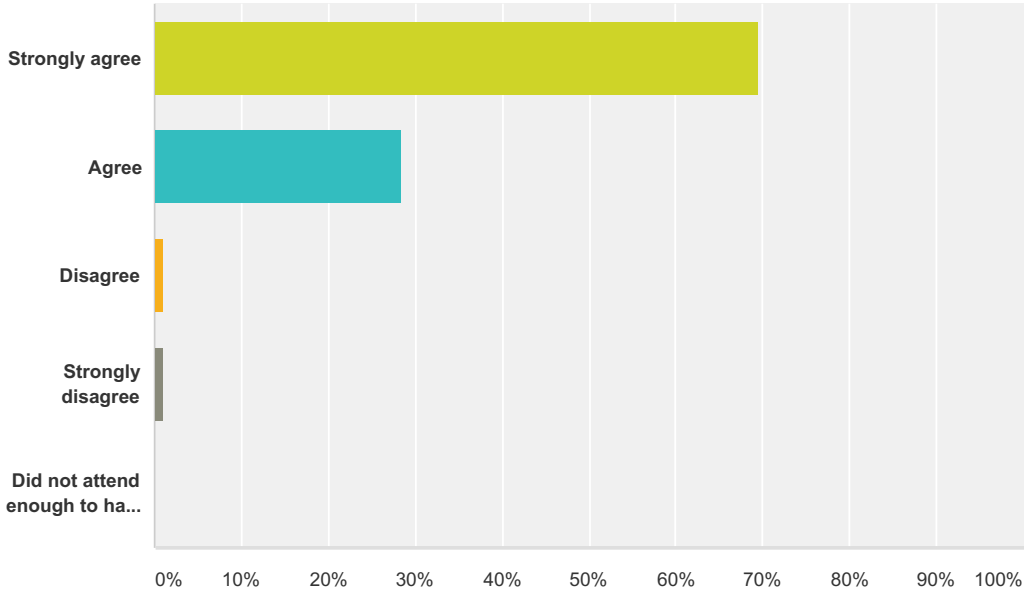


Answer Choices	Responses	
Your class notes	**86.32%**	82
Text book	**4.21%**	4
Videos of the lectures	**27.37%**	26
Old midterms posted on the course website	**93.68%**	89
Information from Piazza	**0.00%**	0

Information from an unofficial course Facebook page	**4.21%**	4
Material from the course website	**34.74%**	33
Material from websites other than the course website	**3.16%**	3
Discussions with other students	**16.84%**	16
Discussions with the TAs or the professor	**7.37%**	7
Discussions with my former students	**1.05%**	1
Homeworks	**47.37%**	45
Other	**1.05%**	1
Total Respondents: 95		

Q4 Attending lecture was helpful

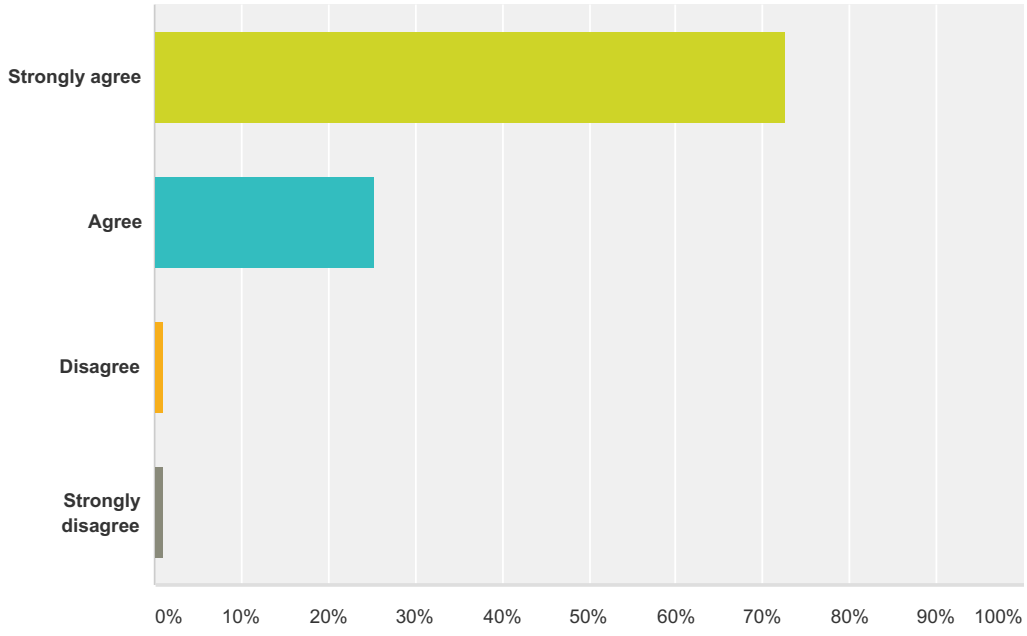
Answered: 95 Skipped: 0



Answer Choices	Responses	
Strongly agree	**69.47%**	66
Agree	**28.42%**	27
Disagree	**1.05%**	1
Strongly disagree	**1.05%**	1
Did not attend enough to have an opinion	**0.00%**	0
Total		**95**

Q5 This course helped me develop critical thinking skills as opposed to just being an exercise in memorization

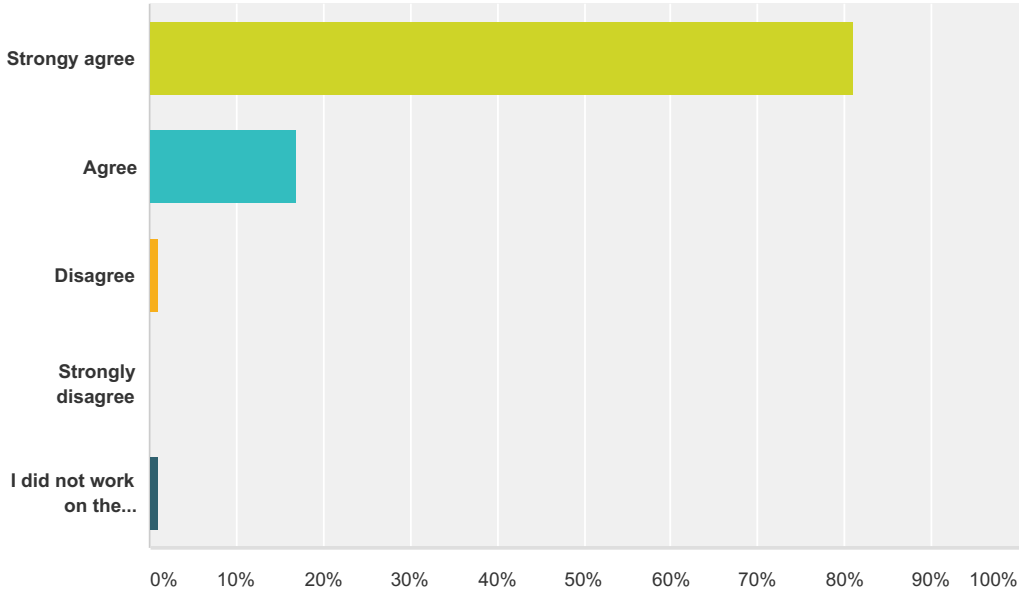
Answered: 95 Skipped: 0



Answer Choices	Responses	
Strongly agree	**72.63%**	69
Agree	**25.26%**	24
Disagree	**1.05%**	1
Strongly disagree	**1.05%**	1
Total		**95**

Q6 The homeworks were helpful

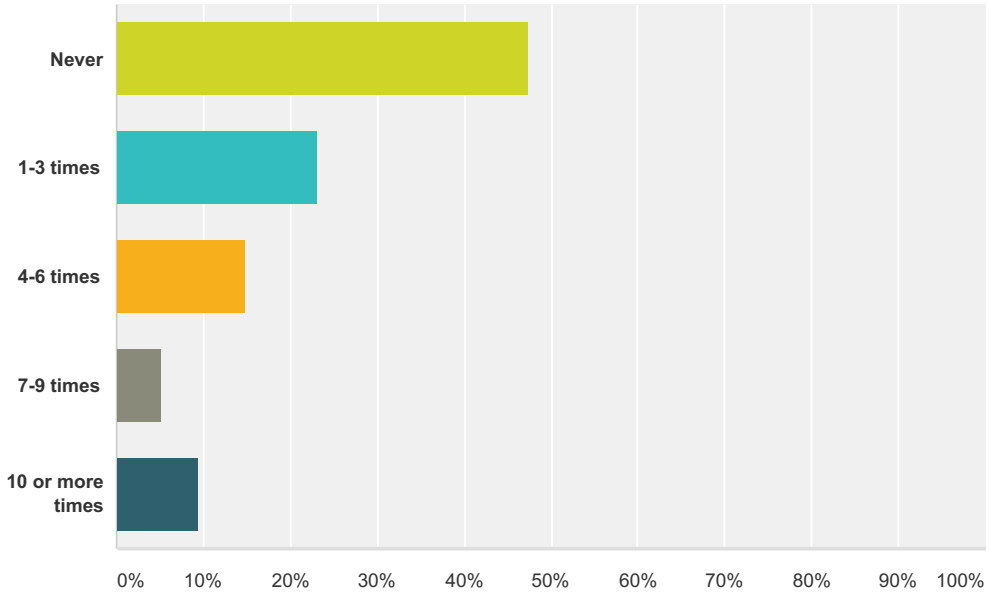
Answered: 95 Skipped: 0



Answer Choices	Responses	
Strongy agree	**81.05%**	77
Agree	**16.84%**	16
Disagree	**1.05%**	1
Strongly disagree	**0.00%**	0
I did not work on the homeworks enough to have an opinion	**1.05%**	1
Total		**95**

Q7 How many times did you attend the active learning problem solving office hours Tuesday and/or Friday afternoons?

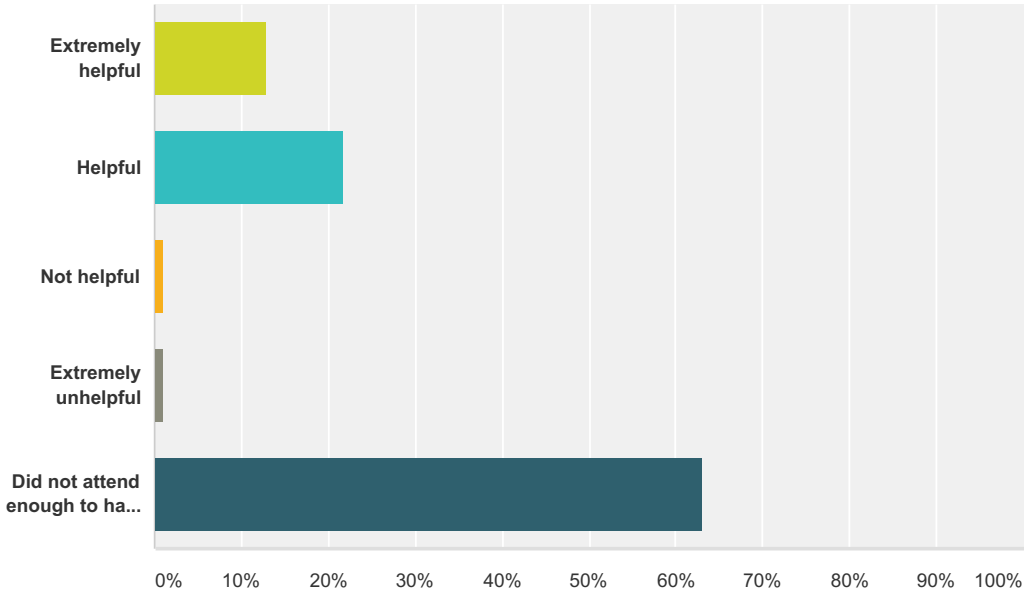
Answered: 95 Skipped: 0



Answer Choices	Responses	
Never	**47.37%**	45
1-3 times	**23.16%**	22
4-6 times	**14.74%**	14
7-9 times	**5.26%**	5
10 or more times	**9.47%**	9
Total		**95**

Q8 If you attended the active learning office hours on Tuesday afternoons, how helpful were they?

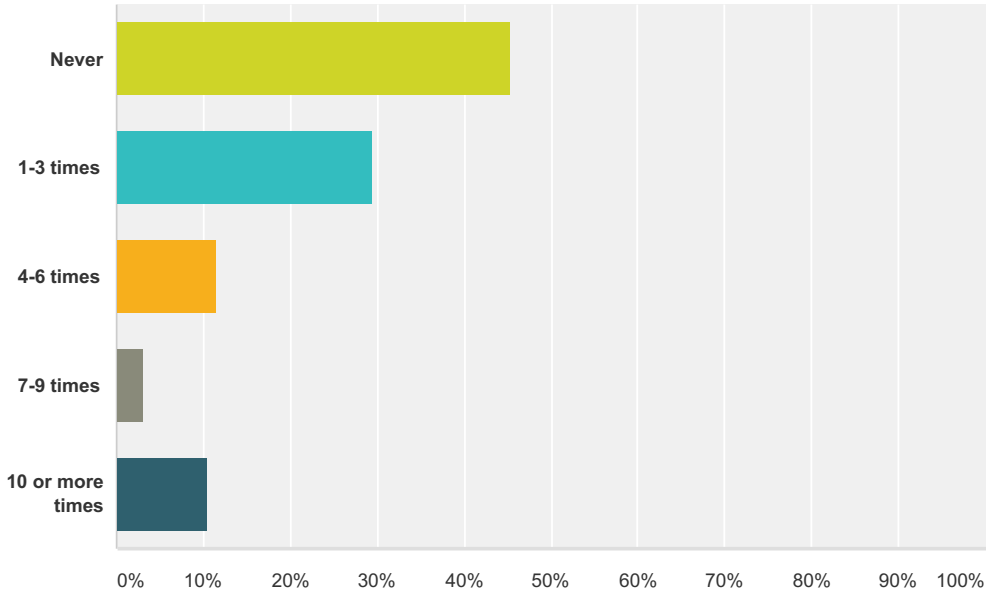
Answered: 92 Skipped: 3



Answer Choices	Responses	
Extremely helpful	**13.04%**	12
Helpful	**21.74%**	20
Not helpful	**1.09%**	1
Extremely unhelpful	**1.09%**	1
Did not attend enough to have an opinion	**63.04%**	58
Total		**92**

Q9 How many times did you attend Dr. Iverson's office hours Wednesday afternoons?

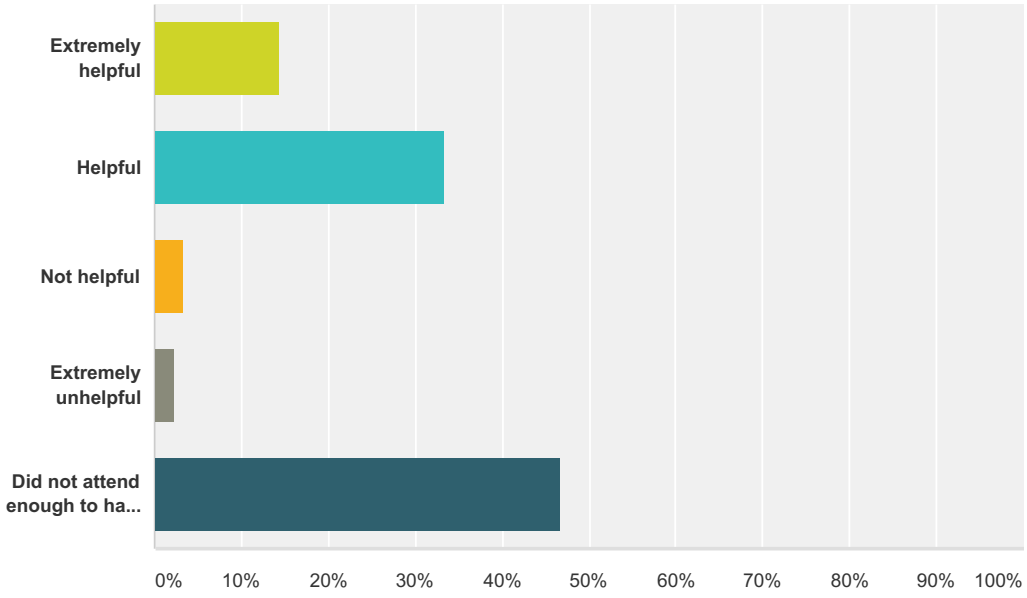
Answered: 95 Skipped: 0



Answer Choices	Responses	
Never	**45.26%**	43
1-3 times	**29.47%**	28
4-6 times	**11.58%**	11
7-9 times	**3.16%**	3
10 or more times	**10.53%**	10
Total		**95**

Q10 If you attended Dr. Iverson's office hours on Wednesday afternoons, how helpful were they?

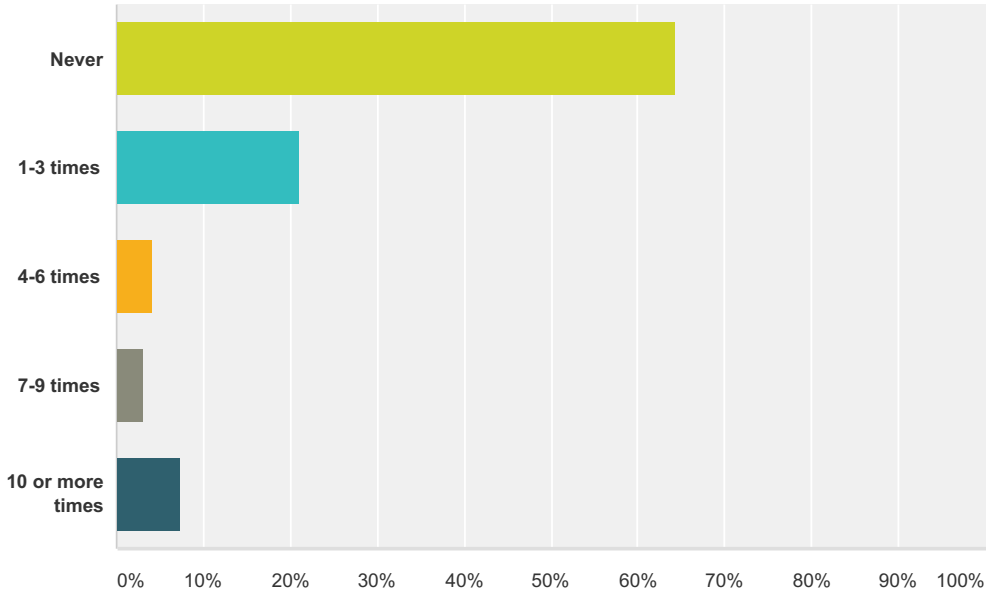
Answered: 90 Skipped: 5



Answer Choices	Responses	
Extremely helpful	**14.44%**	13
Helpful	**33.33%**	30
Not helpful	**3.33%**	3
Extremely unhelpful	**2.22%**	2
Did not attend enough to have an opinion	**46.67%**	42
Total		**90**

Q11 How many times did you attend TA Brian Ikkanda's "Missed the Wave" office hours Monday afternoons?

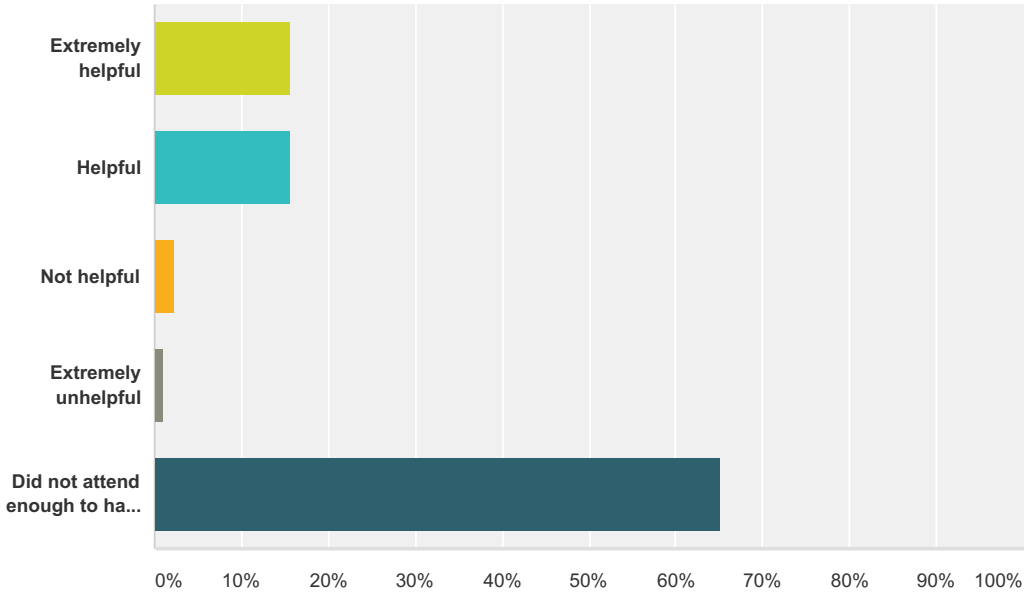
Answered: 95 Skipped: 0



Answer Choices	Responses	
Never	**64.21%**	61
1-3 times	**21.05%**	20
4-6 times	**4.21%**	4
7-9 times	**3.16%**	3
10 or more times	**7.37%**	7
Total		**95**

Q12 If you attended Brian Ikkanda's "Missed the Wave" office hours on Monday afternoons, how helpful were they?

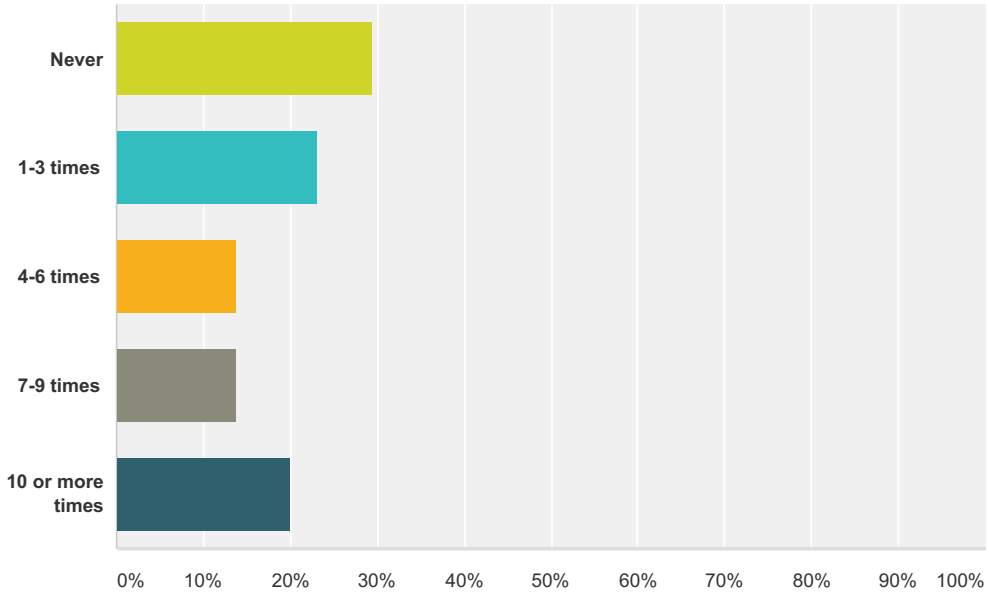
Answered: 89 Skipped: 6



Answer Choices	Responses	
Extremely helpful	**15.73%**	14
Helpful	**15.73%**	14
Not helpful	**2.25%**	2
Extremely unhelpful	**1.12%**	1
Did not attend enough to have an opinion	**65.17%**	58
Total		**89**

Q13 How many times did you log onto the simulcast virtual office hours broadcast Thursday afternoons?

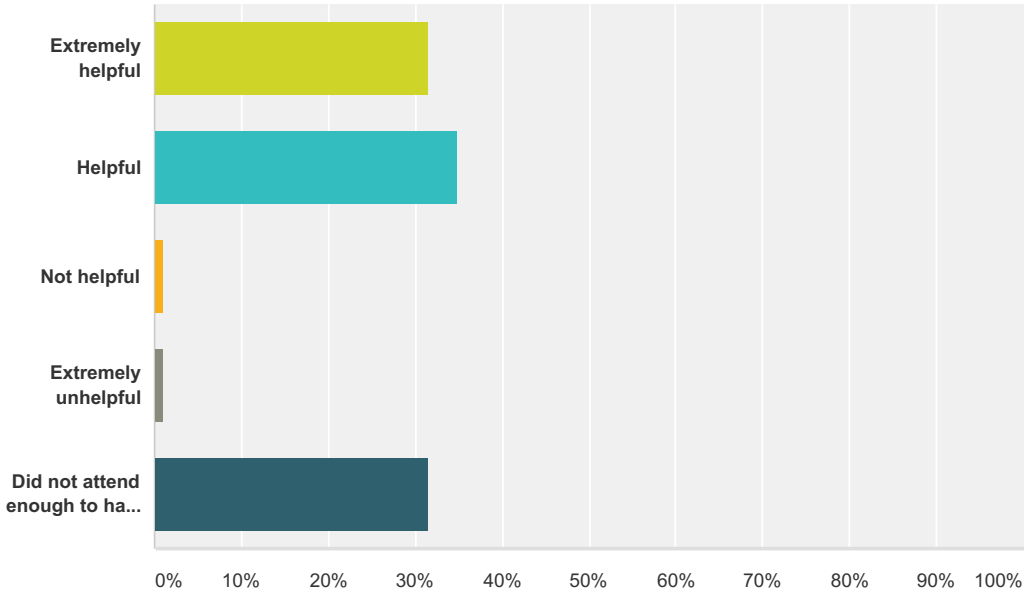
Answered: 95 Skipped: 0



Answer Choices	Responses	
Never	**29.47%**	28
1-3 times	**23.16%**	22
4-6 times	**13.68%**	13
7-9 times	**13.68%**	13
10 or more times	**20.00%**	19
Total		**95**

Q14 If you logged onto the simulcast virtual office hour broadcasts on Thursday afternoons, how helpful were they?

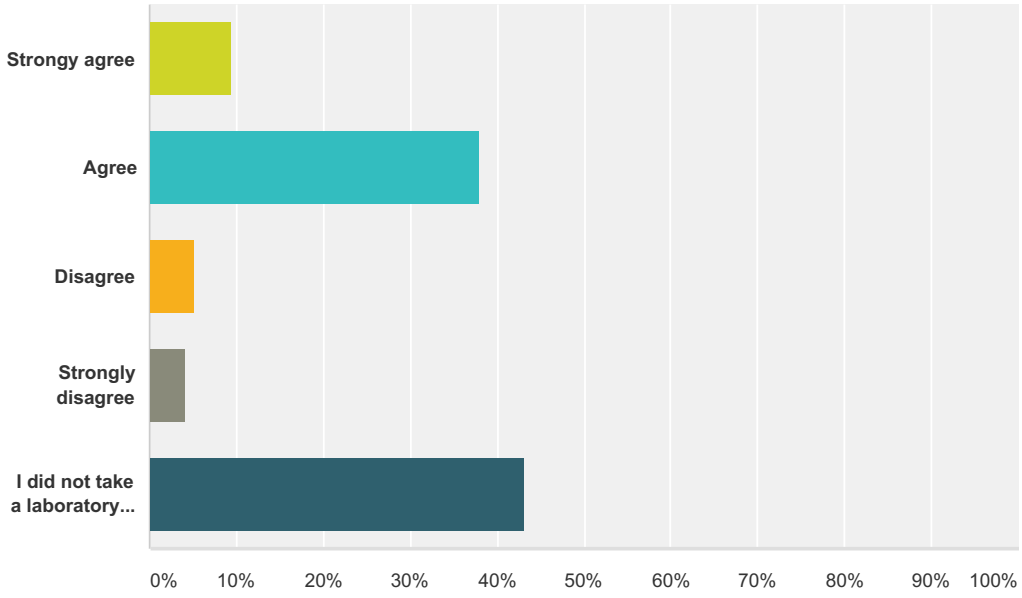
Answered: 92 Skipped: 3



Answer Choices	Responses	
Extremely helpful	**31.52%**	29
Helpful	**34.78%**	32
Not helpful	**1.09%**	1
Extremely unhelpful	**1.09%**	1
Did not attend enough to have an opinion	**31.52%**	29
Total		**92**

Q15 The experiments in the 210C lab course reinforced my learning in 320N lecture.

Answered: 95 Skipped: 0



Answer Choices	Responses	
Strongy agree	**9.47%**	9
Agree	**37.89%**	36
Disagree	**5.26%**	5
Strongly disagree	**4.21%**	4
I did not take a laboratory class this semester	**43.16%**	41
Total		**95**

Q16 Please list the three most important things you learned in my class this semester.

Answered: 74 Skipped: 21

#	Responses	Date
1	1) How to truly understand things as opposed to just memorizing them, which is how I flaked by in ochem 1 2) "Where are the electrons?", MRI, and a new favorite subject 3) That my 25 year warranty is about to expire and I need to do something about ut	5/25/2016 3:16 PM
2	1-"personalities" of molecules--I just took my first DAT practice exam and there were things I hadn't seen before, but there were also parts of the molecules that I knew the reactivity of 2-pka -it was all over that test- similar to the ranking problems 3-The good, The bad, and The Ugly- Thanks to these three things the Ochem was one of my best scores	5/25/2016 1:13 PM
3	1. How to think about/approach mechanisms 2. "Personalities" of functional groups 3. Being healthy is very important	5/24/2016 11:27 PM
4	MRI Synthesis Biochemistry introduction	5/24/2016 11:51 AM
5	Mechanism, The pi-way, and KREs.	5/24/2016 2:06 AM
6	Where are the electrons, start healthy habits now, oh no!	5/23/2016 10:25 PM
7	How MRI works, learning the 'personality' of chemicals, and skills to be able to predict unknowns	5/22/2016 2:04 PM
8	Where are the electrons? Manta rays are huge & other cool fish facts Mechanisms	5/21/2016 9:30 AM
9	This class taught me to overcome the stigma of how hard ochem was. (Not as hard as people say it is) I just wanted to be like Matt Damon and understand rather than memorize organic chemistry. I learned that teaching others what they don't understand helps me to learn the material better.	5/20/2016 9:48 PM
10	How to recognize starting materials from products. Every mechanism step only has four possible options. The type of critical thinking that takes place in ochem carries over to all other forms of study.	5/20/2016 5:38 PM
11	Mechanisms Synthesis & application Conceptual: NMR, where are the electrons	5/20/2016 2:27 PM
12	1. Electron density dictates biochemical interactions. 2. Solid phase synthesis of nucleotides. 3. Learning how to reason through synthesis.	5/20/2016 8:17 AM
13	1. Where are the electrons? 2. Molecules react in characteristic ways, and if you know the rules you can figure out what is going to happen next. 3. Little mistakes can mean a letter grade difference. DON'T forget to write racemic.	5/20/2016 1:09 AM
14	I learned how to catch the wave but with all my other classes as well. How to understand rather than memorize. Chemistry can be fun.	5/20/2016 12:41 AM
15	-to think more critically by using what I know to be applied to something I hadn't seen before -a greater joy and appreciation for the molecules of life, giving me a foundation for Biochemistry -fun facts on the underwater animals!	5/20/2016 12:00 AM
16	Learning trends and general rules which are applicable to a wide range of very different organic reactions (as opposed to being in a learning environment where memorization is meant to be the only way to learn) was extremely helpful in learning to think critically about how organic chemistry works.	5/19/2016 10:32 PM
17	1) Where are the electrons? 2) You can build complex molecules using simple molecules 3) Predicting what happens in a mechanism is relatively easy once you look at it as a multiple choice question.	5/19/2016 10:30 PM
18	I understood why and how the mechanisms worked as opposed to just memorizing the mechanisms. I learned how to apply what I had learned to problems I had never seen before. I learned to believe in my organic chemistry abilities and never give up because hard work always pays off.	5/19/2016 9:30 PM
19	Carboxylic acid derivatives. Nucleophiles/electrophiles (why do things attack each other)? NMR.	5/19/2016 6:25 PM
20	1. How an MRI works 2. How to do synthesis problems using KREs 3. How to critically think about mechanisms	5/19/2016 6:20 PM
21	Memorize KRE Memorize MRI Know how to do synthesis based on answer key.	5/19/2016 5:54 PM
22	1) How to think through what happens in a mechanism 2) How ochem applies to real life 3) exercise is important	5/19/2016 5:53 PM
23	Applying our learnings into a real-world problem	5/19/2016 5:48 PM

24	-Critical thinking skills -The importance of hard work -Practice makes perfect	5/19/2016 5:28 PM
25	For synthesis, I practiced many problems, counted carbons, and memorized the KREs. Actually understanding why a certain mechanism occurs instead of just memorizing. The importance of the structure of amide bonds.	5/19/2016 5:06 PM
26	I learned the most important question I'm organic chemistry, how MRI works, and also I learned not to memorize things because if you understand it then you'll be able to apply it to different situations and variations.	5/19/2016 4:46 PM
27	How MRI works, the importance of running for our physical and mental health and the value of having a professor that cares and puts in as much effort as you.	5/19/2016 4:41 PM
28	be consistent, review the note, attend the lecture	5/19/2016 4:35 PM
29	Stay healthy to be successful and happy later on in life. How MRI's work. Making tougher tasks easier by breaking them down...ex: only 4 main possible steps in a mechanism	5/19/2016 4:01 PM
30	Reaction, running, and perseverance!	5/19/2016 2:57 PM
31	1) How to think about mechanisms and understand why steps happen rather than memorizing 2) Acid-base Chem 3) prep for biochem	5/19/2016 2:48 PM
32	How to determine the next mechanism in a step Functional groups react the same in all molecules Most mechanisms are intuitive	5/19/2016 2:45 PM
33	How big of a role the position and behavior of electrons actually play in our lives.	5/19/2016 2:36 PM
34	MRI, Molecule of the Day, how to approach synthesis through problem solving	5/19/2016 2:17 PM
35	1. Where are the electrons 2. Seeing how mechanisms work - not memorizing 3. Synthesis	5/19/2016 1:45 PM
36	1) how to apply material to biochemistry 2) TAs can help a TON 3) how to explain NMR and read basic spectra!	5/19/2016 1:39 PM
37	Thinking out mechanisms and predicting the most logical next step	5/19/2016 1:38 PM
38	1. Complex molecules can be synthesized from simpler ones by forming the correct carbon-carbon bonds and modifying functional groups the correct way. 2. The rigidity of the peptide bond and the hydrogen bonds between amino acids explain how life could become so complex. 3. The most important question in organic chemistry is, "Where are the electrons?"	5/19/2016 1:11 PM
39	Understanding not memorizing is key to success, working backwards, the benefit of having an awesome professor	5/19/2016 12:52 PM
40	Where the electrons are! Making complex molecules from simple ones. Improved my critical thinking.	5/19/2016 12:47 PM
41	If you actually spend time understanding and practicing a concept you will always have it in the back of yor head, so when going back and reviewing it you will do it very quickly! Don't listen to other people when they say that ochem is hard, I mean it is, but it can be very fun if you just worry about actually doing it. I was finally able to do box questions and synthesis, amazeballs!	5/19/2016 12:45 PM
42	Critical thinking, health, reverse thinning	5/19/2016 12:41 PM
43	MRI, where are the electrons, synthesis	5/19/2016 12:31 PM
44	Application of organic chemistry to drugs and other compounds, thinking about electrons as electron density and atoms ad having personalities, and creating complex compounds	5/19/2016 12:31 PM
45	Exercising is important. Organic Chemistry is not just about memorization. Electrons play an important role in shaping molecules that surround us.	5/19/2016 12:25 PM
46	1) Logic and critical thinking trump memorization every time. If you forgot something, you can generally figure it out. 2) Strive to LEARN, not just do well on tests. If you thoroughly understand the material, then the tests just ask you things you already know. 3) You can succeed through effort and consistency. Guaranteed. I almost failed OChem I, and got a B in Ochem II because I did what Dr. Iverson said would lead to success, and I tried my absolute hardest.	5/19/2016 12:20 PM
47	Where are the electrons, staying fit is life and critical thinking!	5/19/2016 12:16 PM
48	Where are the electrons, you can make complex molecules out of simple molecules	5/19/2016 11:56 AM
49	-where are the electrons? -characteristic reactions of some functional groups -how mechanisms work, role of equilibrium in chemical reactions, etc.	5/19/2016 11:53 AM

50	1) I learned how to look at complex molecules and be able to discuss potential reactivity of the molecule as a result of its structure. 2)I learned how to functionally discuss and learn in the context of chemistry; that is, I believe I could read and discuss academic papers in chemistry with an improved understanding. 3)I learned that a fundamental understanding of Gen. Chem coupled with O. Chem gives you a broad understanding of the world around us. This has enabled me to discuss the properties of dyes with my grandfather (a former dye chemist) all the way to explaining why baking soda fizzes in water to my young cousin. I think this is the most important skill I have developed thus far in college.	5/19/2016 11:36 AM
51	Keeping healthy should be our goal. Dont memorize, but try learning the material. Practice.	5/19/2016 11:28 AM
52	Run every chance you get, come to class, study with people that are smarter than you	5/19/2016 11:24 AM
53	That organic chemistry is about problem solving, not memorization. That organic chemistry is a really interesting topic. Organic chemistry is essential to a material understanding of ourselve and modern life.	5/19/2016 11:20 AM
54	How to fill out a mechanism sheet based on intuition rather than memorization, how to identify nucleophiles and electrophiles, how to look at a molecule and know what steps are needed to synthesize it.	5/19/2016 11:10 AM
55	Have perseverance in solving problems and in life, ask questions, and understand the work around that is connected with ochem!	5/19/2016 11:09 AM
56	I learned a lot about the chemistry of we'll known items/ materials thru the featured molecule of the day. Thru all of the chemistry we learned I am on better at predicting the interactions that will take place between two different molecules. Finally, I learned a lot of useful reactions for synthesis which will be helpful for a prospective career as a chemist.	5/19/2016 11:07 AM
57	1. Success isn't success if you aren't healthy 2. David Robinson has MAD skills 3. Don't "memorize" the material, but "play" (think of Good Will Hunting)	5/19/2016 11:06 AM
58	- Chemical characteristic/"personality" - Foundation for chemical reactions/mechanisms - Chemical intuition in scientific fields including medicine	5/19/2016 11:02 AM
59	Follow the electrons, fitness is key to success,	5/19/2016 11:00 AM
60	This class taught me so much. It taught me how to look at a molecule or reaction I have never encountered, and understand the chemistry that this molecule or reaction is capable of. This is something that I never believed I would be capable of doing, but you definitely did not lie that first day of class. I realize that these aren't three things, but I feel like this new chemical intuition that I obtained from this class is worth more than just that. I am currently assisting in a laboratory where synthesizing compounds is basically a daily thing. Thanks to your class my entrance into this laboratory was extremely smooth (I hardly needed any explanation when a reaction was placed in front of me) and for that I thank you Dr. Iverson. Keep up the amazing work.	5/19/2016 10:57 AM
61	to understand and not memorize, the importance of chemistry in everyday life, and to pay attention to very minute details on exams (mechanisms)	5/19/2016 10:55 AM
62	NMR skills, importance of good health, and learning how to make more complex molecules from simple ones	5/19/2016 10:52 AM
63	How to think critically, how to apply concepts to broader ideas, and how to solve a problem unconventionally	5/19/2016 10:51 AM
64	Where are the elections? nmr/MRI Making complex compounds from simple ones	5/19/2016 10:47 AM
65	I learned about camp Kesem! I am looking forward to seeing you there this summer. I learned about the "personality" of certain functional groups-I know how they behave and I can apply this knowledge to new reactions. I also think that the MRI was very interesting too, I am pursuing a career as a physician and I know I will carry that knowledge with me!	5/19/2016 10:47 AM
66	Mechanisms!!!!! NMR statement stocked into my brain!!! Resonance for structures make sense!	5/19/2016 10:46 AM
67	A greater understanding of how various functional groups react I learned about pi ways and there ability to delocalize which stabilizes the molecule I now know where the electrons are	5/19/2016 10:45 AM
68	1. I learned where the electrons are 2. I learned how to work through mechanisms based on logical steps, rather than blind memorization. 3. I learned that organic chemistry can actually be fun?	5/19/2016 10:41 AM
69	Baking soda to remove vomit A treatment for anthrax was developed in an awesome way French fries and wood are very similar	5/19/2016 10:40 AM
70	Running, don't memorize but understand, practice makes perfect	5/19/2016 10:38 AM
71	how to understand the parts of a mechanism instead of memorizing it. Importance of an active lifestyle The	5/19/2016 10:38 AM
72	MRI	5/19/2016 10:37 AM
73	Staying heathy by excercising How to think through mechanisms logically Where are the electrons	5/19/2016 10:35 AM
74	1. Problem solving 2. Applying reactions and mechanisms to medicine 3. Critical thinking	5/19/2016 10:35 AM

Q17 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: 52 Skipped: 43

#	Responses	Date
1	I watched last year's lectures before coming to class. Doing so meant I already knew the material, and coming to class only reinforced it. This manifested itself in that I had a great understanding of the material and was able to ace all the exams and final with minimal studying (working through one practice exam was all I needed) If anything, I wish I had interacted with Dr Iverson more from the beginning of the semester. I realized too late that in the semester that I should try to get to know him better, so I recommend going to office hours just to talk to him, even if you don't need help (which is what I ended up doing after spring break when I realized)	5/25/2016 3:16 PM
2	Developing habits like counting carbons-remembering racemic--	5/25/2016 1:13 PM
3	I found that filling out blank mechanism sheets for practice was helpful.	5/24/2016 11:27 PM
4	For enolate chemistry, whenever it was correct, I would write "take α(alpha) proton away"(not on exams though. Didn't know if the TAs would appreciate it). Silly little trick but it really helps. Also, for many of the mechanisms, although this is memorization and not conducive to understanding the reasons why, the acronym AMTABT can rescue some points on mechanism questions. Add a proton, Make a bond, Take a proton away,... I also found it helpful to work through the book problems as suggested in the RotD before the lecture, and then rework those problems before the midterm. I also refused to cram before exams. You can't learn organic chemistry in one night. It is better to relax the night before. If you feel like it, doodle some mechanisms or synthesis problems on a whiteboard but make sure it is relaxed. Also, if you understand mechanism, you will know synthesis.	5/24/2016 2:06 AM
5	I would suggest that you give priority to studying your notes and understanding the material before going to problem solving sessions. I did not do this and so the sessions were not as beneficial to me. Also I would say stay on top of everything! Learn as you go and speed re-watch lectures before exams while going through your notes to reinforce what you have learned. Just watching the lectures is useless if you don't really understand the material. I would do this and then make sure I could do the homework after I had covered the lectures for that homework. Also it is probably good to keep up with the material and homework and try to do understand it as it is assigned even though it is completion. I think that I got even more behind because the homeworks were not graded after the beginning of the semester so I didn't take them seriously which is probably why I did not do as good as I could have.	5/23/2016 10:25 PM
6	Utilize all parts of the website!	5/22/2016 2:04 PM
7	The Rules of the Day were incredibly helpful. Copying them down before exams helped with the conceptual section more than anything else.	5/21/2016 7:00 PM
8	I would download apps from the apple store to help with reactions and nomenclature.	5/20/2016 9:48 PM
9	If you can teach the material to someone else in a way that is simplified from what Dr. Iverson taught, you're in a good place to be.	5/20/2016 5:38 PM
10	Practice!!!	5/20/2016 2:27 PM
11	I used Rules of the Day as a guide through watching lectures and reviewing notes, so I didn't waste time on things I know/didn't need to know. Also, I did the homework once without looking at any notes and then again with help.	5/20/2016 8:17 AM
12	Always watch all the lectures before the midterms and finals. PLEASE don't get behind, you will regret it. Do the homework yourself and the help a friend do theirs. It will solidify your knowledge if you battle through the questions.	5/20/2016 12:41 AM
13	-Understand why you lost points if you did -Be able to balance most of the reactions we covered/have a mechanism for -make flashcards for KREs	5/20/2016 12:00 AM
14	I suggest making a "reaction" list for each exam. This helped me keep track of all the reactions, and I was able to remember them easily when I did synthesis problems. Also, the key to synthesis problems are knowing your KREs and PRACTICE!!!	5/19/2016 10:30 PM

15	I would write down reoccurring mistakes I had made on homeworks and old practice exams on a "Watch out/Don't Forget..." sticky note. Then, before each midterm I would look over the sticky note as a mental reminder to avoid those mistakes.	5/19/2016 9:30 PM
16	I was not taught NMR well in my first semester class of ochem. Thank you so much for the rehash of NMR in the beginning of the semester! Furthermore, your road maps for drawing mechanisms makes the test questions a lot easier to handle; last semester, I had to brute force memorize them, and the Na radical cis formation mechanism for alkyne reduction to alkene was a terrifying thing to see on my semester 1 final.	5/19/2016 6:25 PM
17	Always go to class, not only because you will learn better, but because Dr. Iverson is just an amazing professor. Make sure to always review the Rules of the Day and Pictures of the Day on a weekly basis to refresh your memory about what was taught in class. I also found the synthesis problems in the textbook to be very good additional practice.	5/19/2016 6:20 PM
18	Made flash cards.	5/19/2016 5:54 PM
19	n/a	5/19/2016 5:53 PM
20	Focus on the "Rules of the Day"	5/19/2016 5:48 PM
21	Instead of approaching this class as a science class where you memorize everything, I kind of approached O-chem as learning a new language. That mindset was probably the biggest help in my success.	5/19/2016 5:28 PM
22	I created summary sheets, which were a concise version of my notes. It was easier to refer back to when I was studying. I made flashcards to memorize the KREs. Practice by redoing homeworks and old exams. Read the rules of the days and rewatch the lecture or ask for help for things you don't understand. Go over the mistakes you made on the midterms, that way you don't make the same ones again.	5/19/2016 5:06 PM
23	I would work reverse the synthesis and mechanism problems for extra practice.	5/19/2016 4:46 PM
24	rework homeworks and old exams	5/19/2016 4:01 PM
25	N/A	5/19/2016 2:17 PM
26	Pay attention during lectures and spend time on the homework assignments.	5/19/2016 1:11 PM
27	no	5/19/2016 12:52 PM
28	Whenever I studied for my midterms, I made study guides which basically were another version of my class notes with annotations. The study guides were really helpful when studying for the final. Also, I never memorized anything.	5/19/2016 12:47 PM
29	Create cheat sheets with the important information from each test and the reactions, that way you can study that for the final and to review for every test.	5/19/2016 12:45 PM
30	I read the book very thoroughly through both Ochem I and II, which gave me a very strong foundation. By mid OchemII, I understood many of the fundamental principles so ochem was much easier for the rest of second semester. I would try to understand why everything happened by paying a ton of attention in class and carefully going through the book, and that paid off a lot. After a while I understood most things just by looking at them.	5/19/2016 12:31 PM
31	Referring to the book during homework and trying to understand how a reaction happens the way it does.	5/19/2016 12:25 PM
32	I would look at molecules I already knew and try to analyze them chemically. I didn't do this religiously, but if I took medication for something, I would look it up and see what I could interpret about it based on the functional groups. I think this helped me make a real-world connection, like the Molecules of the Day. Those were awesome.	5/19/2016 12:20 PM
33	No sir, i got all my help from this class and developed from it	5/19/2016 12:16 PM
34	Homework problems from the book that you posted under Rules of the Day	5/19/2016 11:56 AM
35	No. I just want to say that the recorded lectures were the biggest help I had in this course. I was able to understand much better and learn with the uploaded lecture videos.	5/19/2016 11:53 AM
36	Instead of trying to just flat out learn the chemistry alone, I tied the organic chemistry I was learning into my other classes as well. In cell bio when covering protein synthesis, I understood better how the amide bond contributed to the primary, secondary, and tertiary structure of the protein and thus holistically learned chemistry in conjunction with the biology. Making the cross links between subjects and topics really seemed to help me process why what we were learning was relevant.	5/19/2016 11:36 AM
37	Make KRE flash cards!!!	5/19/2016 11:24 AM
38	Nope :)	5/19/2016 11:09 AM
39	Rewriting my class notes, occasionally looking up videos online to reinforce the course material, and working a lot of practice problems!	5/19/2016 11:07 AM

40	Adopt an active learning role in lecture. I couldn't attend any of the office hours or additional help sessions due to work. Initially, I thought I would struggle in the class due to this issue, but I quickly found out that I can catch the wave if I actively learn in lecture. What I mean by actively learn: -read over the chapter sections before lecture -Comprehend what Dr. Iverson is saying. Do NOT just copy his notes word for word. -Spend a little extra time developing chemical intution early in the semester -I come up with at least 10 questions each lecture, but it would be inappropriate to ask so many each lecture. I write them all down and research them on my own. Learning how to sift through resources for credible answers is an extremely valuable skill. -Look for difficult ochem questions online -Do NOT be afraid to try different chemical pathways for synthesis!	5/19/2016 11:02 AM
41	The way I tackled studying the material for your class was first by making a sheet with every reaction you covered (a simple sheet with just a product and the reactants). I did this so I could just familiarize myself with the kinds of "tools" I had at my disposal. Once I did that I would go through my notes and mechanism sheets to understand the ins and outs of these "tools". This process seemed to get easier and easier as the semester progressed (because reaction truly do begin to become repetitive in their nature after a while).	5/19/2016 10:57 AM
42	Strongly agree does not represent the importance of going to lecture every day	5/19/2016 10:55 AM
43	Nope!	5/19/2016 10:52 AM
44	Practice is essential in learning organic chemistry	5/19/2016 10:51 AM
45	I would always start my midterm studying by writing little "reaction summaries" for each reaction we learned in the class. I would write reactants, products and any added chemicals and it helped me to learn all of the reactions.	5/19/2016 10:47 AM
46	Rewriting mechanisms from blank printouts available online! Practice practice practice	5/19/2016 10:46 AM
47	I used notecards for learning the KRE's.	5/19/2016 10:45 AM
48	You provide so many resources to students to give them every opportunity to succeed. In such a difficult course, you do all in your power to help us through it. Thank you.	5/19/2016 10:41 AM
49	I found it helpful to "teach" a fellow classmate about a certain topic we covered in class. If you can comfortably vocalize about a topic, you have successfully learned it yourself.	5/19/2016 10:41 AM
50	Watch videos online	5/19/2016 10:38 AM
51	Rewriting the mechanisms out on a blank piece of paper	5/19/2016 10:38 AM
52	Rewrote notes according to rules of the day	5/19/2016 10:35 AM

Q18 Please list any ways in which I can make the class better

Answered: 55 Skipped: 40

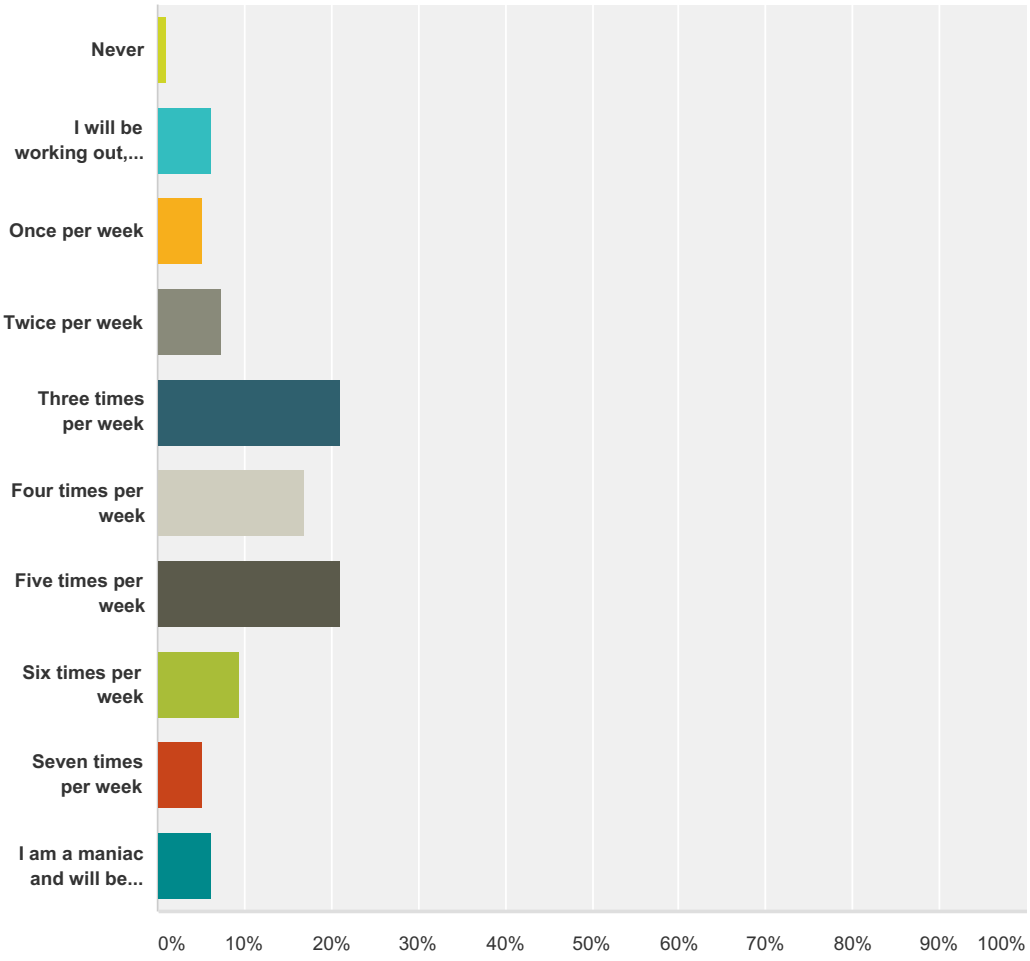
#	Responses	Date
1	You can't, this class is already perfect and you are the most amazing professor in existence!	5/25/2016 3:16 PM
2	Please tell people they are not allowed to save seats. If I show up on time, I should get a better seat than someones friend who shows up ten minutes late. When people saved multiple seats there were times when 3-4 people would have to walk over me during lecture and it was really distracting.	5/25/2016 1:13 PM
3	Can't think of anything, you were by far the best professor I've ever had	5/24/2016 11:27 PM
4	Emphasize how important it is to go to office hours. I really do not think enough students knew how much they were missing by not going to office hours. I think the homework was addressed in the online office hours, but the in-person office hours focused much more on the theoretical underpinnings, which helped more than anything else for mechanisms, equivalence, and so on. The active problem solving sessions were great for practice problems, which could then be used as food for thought during office hours. I don't know if it's in the publisher's interest (or at all possible) but if the entire book problems themselves (and solutions), were posted under the pictures of the day, then I think more people would likely do them. I think that would probably raise grades and overall comprehension. The book and solutions manual are a little pricey for some people, so I think it would also give some people on a budget a better chance at a good grade.	5/24/2016 2:06 AM
5	I would not make the homeworks completion because it made me push it off to the last minute because I knew I could get full credit without understanding the material. I think it would be better to give full credit if students have at least 50% of the homework correct so that there is still a better chance of getting credit than grading based on getting everything correct.	5/23/2016 10:25 PM
6	I think you and this course have been absolutely wonderful. Thank you for the ample opportunities you give us to succeed and make learning organic chemistry enjoyable and manageable. I think a more structured review for Monday night's would be beneficial (maybe like going over the skull and cross bones, or what you have emphasized on the test, etc) in order to best direct our preparation as opposed to people asking whatever question and getting stuck one one potentially not as relevant topic for a long period of time. But overall I just have gratitude toward you and the set up and wish you could teach all of my science classes!	5/22/2016 2:04 PM
7	Giving out hints during Office hours and working more test type problems. OChem 2 is all about practicing and the more examples we see, the better the grade will be. Also, reduce the amount of times you talk about what's online as far as "how to prepare for the exam". We can look online ourselves, and its the same people that come to your OH and come to your Test review sessions so it doesnt help when we hear the same thing over and over again. you should work test-type problems out and talk about the train of thought that someone should go through while solving a problem.	5/21/2016 10:17 PM
8	Maybe have your office hours recorded? I had another class during that time, so I wasn't able to go like I would've wanted to. A little more prep for the final - it was really long and I wasn't able to finish.	5/21/2016 9:30 AM
9	Do more in class examples and give them time to work them out. Perhaps use SquareCap or Clicker questions at the end or during each lecture for more practice.	5/20/2016 9:48 PM
10	It took a little while to understand equivalence due to a limited number of examples. That is literally all that I would suggest. Wonderful class.	5/20/2016 5:38 PM
11	You are awesome. Everything was very well prepared and organized.	5/20/2016 2:27 PM
12	I think the amount of points that can be lost due to racemic centers reflects too heavily in grades. A lot of people understand the material thoroughly, in the way you want, but get B's due to racemic centers and other details. Otherwise, this was the best class I have taken at UT to date.	5/20/2016 8:17 AM
13	Maybe make the resources such as the problem solving session and office hours more encouraged. I found that it helped me tremendously with understanding the chemistry done that week in class to help me with the homework without asking help about the homework directly.	5/20/2016 12:41 AM
14	More prizes (haha)	5/20/2016 12:00 AM
15	none	5/19/2016 10:30 PM

16	For some sections, the notes were hard to follow as they didn't have a main heading, such as which reaction mechanism in the packet the notes referred to.	5/19/2016 9:30 PM
17	Try to encourage more class participation + attendance. You're such a good teacher to the point that people don't attend your class and instead watch your lectures. Even though I came to class, I never really found the time or opportunity to go to your office hours and extra stuff (I got an A in the course through simply attending class), and I want to apologize for not getting to know you . Thank you for being an awesome teacher, and I hope you remember that there are some students you might not know that care genuinely about organic chemistry! -JY	5/19/2016 6:25 PM
18	Hands down this is the best class I've taken at UT. Thank you for pushing students to do their best and making this class very manageable.	5/19/2016 6:20 PM
19	Instead of having kids memorize KRE's, maybe expand the key to where if you know the chemistry you will get credit for the answers. In o Chem 1, I was able to get credit for the answers while in this class I was not. This extremely effected my grade. If pre med majors have to take o Chem to work backwards, and they are successful in ways which is not on the key, I believe they should get credit. If you apply it to 'real life', the working backwards in unique ways would be beneficial in the medial field.	5/19/2016 5:54 PM
20	no suggestions! best class ever	5/19/2016 5:53 PM
21	It was a good class, but I guess the one thing that could be improved is the importance of avoiding cross-reactions. Although it all makes sense, I think there could be more emphasis placed on how pKa plays an important role in synthesis. Other than that, this was a fantastic course!	5/19/2016 5:28 PM
22	Every week or few weeks, ask students what topics they don't understand and then go over it again in a short video or lecture. Occasionally, you spend a lot of time on some topics that we understood, but not too much time on other things. An example would be the coupling constant for NMR. Also, it would be helpful for the fill in the blank portion of the test to have a word bank. Sometimes I wasn't sure what you were looking for.	5/19/2016 5:06 PM
23	There were some concepts like equivalence that I still don't necessarily understand and I wish you wouldn't explained that more.	5/19/2016 4:46 PM
24	go over, or at least mention in class the KRE of each mechanism/reaction that we do. Some were overlooked or not mentioned, and it made it more confusing later on when trying to go over the material. I felt like I knew the KRE's of the reactions that we mentioned in class better at the end of the year better than the ones that were not written/mentioned.	5/19/2016 4:01 PM
25	More following along with examples in class	5/19/2016 2:57 PM
26	Keep exams consistent. From year to year, the difficulty of exams greatly varies, which is quite unfair I believe. For example, last year (Spring 2015), the exams were incredibly doable. Every single exam we took this semester was much harder than the one from last Spring. The final was ridiculously easy last Spring, as compared to this year's final. It was quite challenging, as I'm sure will be reflected in the average.	5/19/2016 2:36 PM
27	I believe that having the homework graded helped me learn. Although it was more stressful, it was helpful to see where I had gone wrong and see what I could fix for the test.	5/19/2016 2:17 PM
28	This class is extremely difficult and boring, although Iverson made it somewhat bearable. His enthusiasm is definitely appreciated. However, the final was extremely hard and I don't think it's fair to be expected to know so much material. This class feels too dense.	5/19/2016 1:48 PM
29	Literally PERFECT!	5/19/2016 1:45 PM
30	Perhaps write your notes pages in the landscape orientation so that they fill the screens better.	5/19/2016 1:11 PM
31	none	5/19/2016 12:52 PM
32	Overall, I think the class was great. Maybe the only thing I wished you have done was uploading the class notes to Canvas. I know we can watch the lecture videos but sometimes I just had a typo on my notes and I didn't need to really watch the lecture to fix it.	5/19/2016 12:47 PM
33	Stress to people the importance of starting early and actually doing the homework, not just get it from someone else	5/19/2016 12:45 PM
34	Sometimes you have a beat around the bush kind of teaching where you are trying to dumb it down a bit too much that I becomes redundantly confusing instead. Material becomes more complicated than it actually is.	5/19/2016 12:41 PM
35	more examples during lecture	5/19/2016 12:31 PM

36	Dr. Iverson's lectures really clarified why something would react this way (mechanisms), but I think it would have been useful to work more example problems in class, since that means we have to directly apply what we just learned. After you have the foundation (understanding why things happen without much explanation), it's much more useful to expand upon that and encourage students to apply what they know in class. In addition, I think there was a really strong emphasis on running throughout the course, which is of course a healthy thing to do, but I think a little too much time was spent on it. It would also be amazing to have some famous organic chemists come speak! Overall though, the course was taught very well and clearly, and I enjoyed it a lot.	5/19/2016 12:31 PM
37	I loved the little segway of learning about molecules related to topics taught in class	5/19/2016 12:25 PM
38	Nothing. Dr. Iverson is EASILY the most invested professor I've ever had, both here and at community college. The amount of thought and effort put into this course was outstanding, and I will forever have a higher standard of learning for myself because of what Dr. Iverson led me to achieve.	5/19/2016 12:20 PM
39	Best.course.ever.	5/19/2016 12:16 PM
40	The class was excellent. I felt like there were more than enough resources for me in this course to help me succeed.	5/19/2016 11:53 AM
41	Maybe make the grading structure such that the final has less pressure. I got a 93 and 94 on the midterms, so to get an A I still felt extreme pressure to do well on the final, even though I felt I had worked my hardest all year and actually learned a lot. That being said I understand why the final counts so much, given that it is a better measure of how much the course has taught us over the whole semester. In actuality my qualms with the grading are extremely minimal, and I actually do feel my performance was graded fairly. I merely suggest this because I loved this class and had a hard time thinking of anything to write in this box.	5/19/2016 11:36 AM
42	Nope! :)	5/19/2016 11:09 AM
43	Not sure what the class could improve on because I felt it was really well structured and the different types of office hours were all very helpful.	5/19/2016 11:07 AM
44	More molecules of the day! It was helpful for me to see that organic chemistry applies to everything, and this made the course more fun and applicable.	5/19/2016 11:06 AM
45	I really enjoyed the "apply what you know" portions. Include more on the exams, or perhaps provide a few problems weekly. My favorite part of organic chemistry was being able to apply my skills in new situations. I've made extremely high grades on all the exams without studying more than 2 hours, and I attribute my success to actively learning in lecture and doing ochem for fun! (i.e. being creative in answering questions and judging the answer based on chemical intuition)	5/19/2016 11:02 AM
46	You truly do everything that I can possible imagine already. Your class is amazing and even though I did not take advantage of the out of class resources, I know that you have structured your class so that anyone who wants to succeed (not get an A, but succeed) can. So once again Dr. Iverson, thank you for being such an amazing professor.	5/19/2016 10:57 AM
47	During the semester, the possibility of TA office hours was mentioned instead of having the homework graded. This idea never really developed, but I find traditional office hours to be most effective and for that reason only attended Dr. Iverson's office hours and online office hours. TA office hours in the traditional format would have been of help to me.	5/19/2016 10:55 AM
48	More regular office hours where people can go and listen to a TA reinforcing the material that was taught in class.	5/19/2016 10:52 AM
49	Make videos that go through the homework after it's turned in.	5/19/2016 10:47 AM
50	One of the best classes I've ever taken. Very engaging lectures and material!	5/19/2016 10:47 AM
51	Your class provides everything to be successful, it's up to the student to be self motivated to get a good grade.	5/19/2016 10:46 AM
52	You are phenomenal. Keep doing what you're doing.	5/19/2016 10:41 AM
53	You are the best--nothing to say here	5/19/2016 10:38 AM
54	Put page numbers on the mechanism packet so that people can refer to page numbers in their notes	5/19/2016 10:37 AM
55	The class was amazing. Keep doing what you're doing.	5/19/2016 10:35 AM

Q19 How many times are you going to go running or otherwise work out this summer to stay fit?

Answered: 95 Skipped: 0



Answer Choices	Responses	
Never	1.05%	1
I will be working out, but less than once per week on average	6.32%	6
Once per week	5.26%	5
Twice per week	7.37%	7
Three times per week	21.05%	20
Four times per week	16.84%	16
Five times per week	21.05%	20
Six times per week	9.47%	9
Seven times per week	5.26%	5
I am a maniac and will be working out more than seven times per week	6.32%	6

Total	**95**