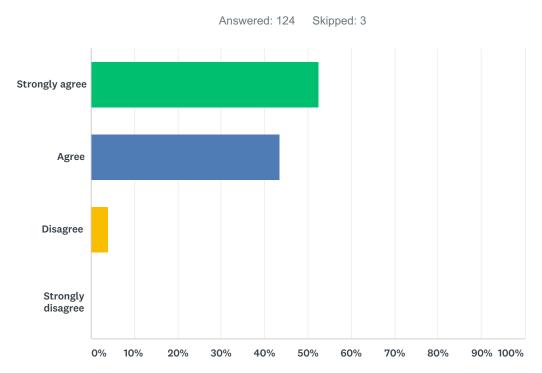
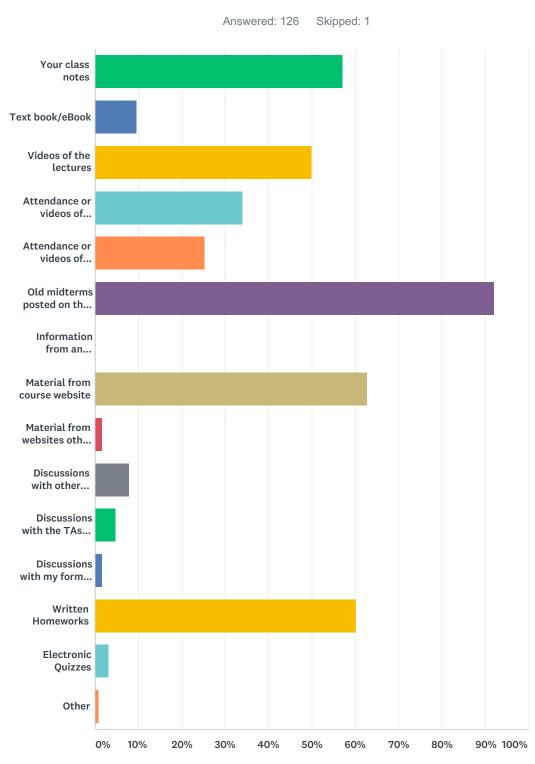
Q1 I feel as though I caught the Organic Chemistry Wave



ANSWER CHOICES	RESPONSES	
Strongly agree	52.42%	65
Agree	43.55%	54
Disagree	4.03%	5
Strongly disagree	0.00%	0
TOTAL		124

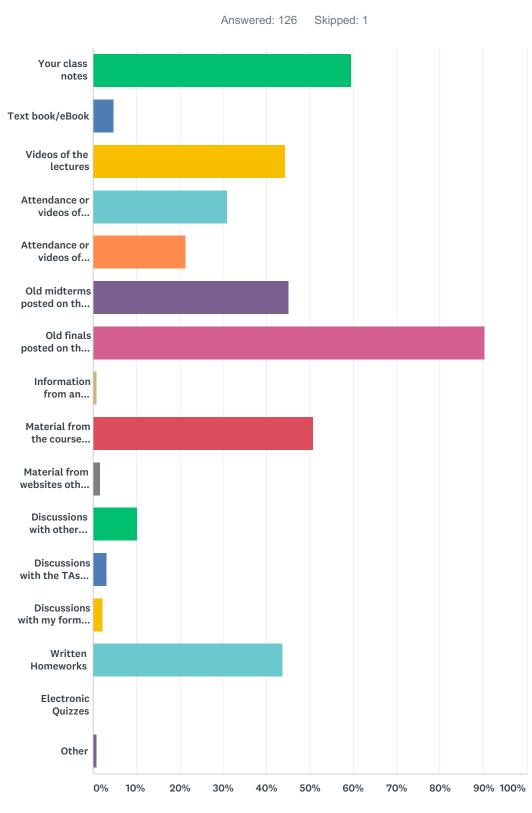
Q2 What were the FOUR most important resources you used to prepare for the midterms?



ANSWER CHOICES	RESPONSES	
Your class notes	57.14%	72
Text book/eBook	9.52%	12

Videos of the lectures	50.00%	63
Attendance or videos of office hours	34.13%	43
Attendance or videos of special review sessions	25.40%	32
Old midterms posted on the course website	92.06%	116
Information from an unofficial course Facebook page	0.00%	0
Material from course website	62.70%	79
Material from websites other than the course website	1.59%	2
Discussions with other students	7.94%	10
Discussions with the TAs or the professor	4.76%	6
Discussions with my former students	1.59%	2
Written Homeworks	60.32%	76
Electronic Quizzes	3.17%	4
Other	0.79%	1
Total Respondents: 126		

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

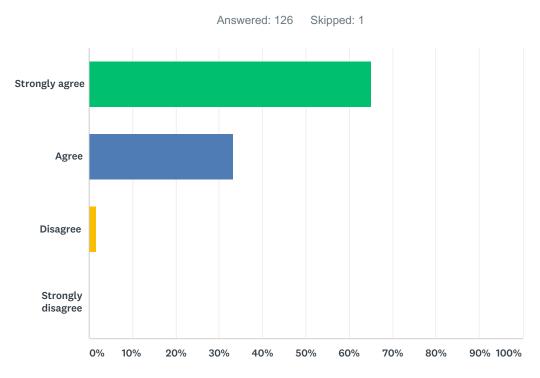


ANSWER CHOICES

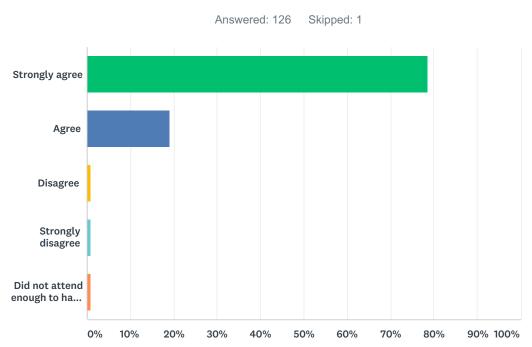
RESPONSES

Your class notes	59.52%	75
Text book/eBook	4.76%	6
Videos of the lectures	44.44%	56
Attendance or videos of office hours	30.95%	39
Attendance or videos of special review sessions	21.43%	27
Old midterms posted on the course website	45.24%	57
Old finals posted on the course website	90.48%	114
Information from an unofficial course Facebook page	0.79%	1
Material from the course website	50.79%	64
Material from websites other than the course website	1.59%	2
Discussions with other students	10.32%	13
Discussions with the TAs or the professor	3.17%	4
Discussions with my former students	2.38%	3
Written Homeworks	43.65%	55
Electronic Quizzes	0.00%	0
Other	0.79%	1
Total Respondents: 126		

Q4 This course helped me develop critical thinking skills as opposed to just being an exercise in memorization

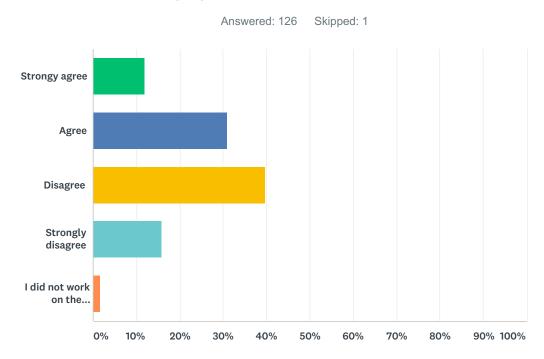


ANSWER CHOICES	RESPONSES	
Strongly agree	65.08%	82
Agree	33.33%	42
Disagree	1.59%	2
Strongly disagree	0.00%	0
TOTAL		126

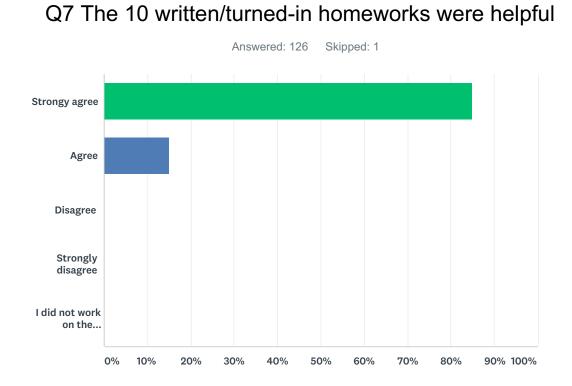


ANSWER CHOICES	RESPONSES	
Strongly agree	78.57%	99
Agree	19.05%	24
Disagree	0.79%	1
Strongly disagree	0.79%	1
Did not attend enough to have an opinion	0.79%	1
TOTAL		126

Q6 The 23 electronic quizzes due before class were useful for keeping me engaged with the material/eBook

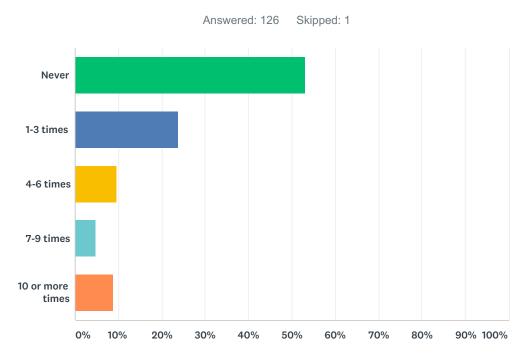


ANSWER CHOICES	RESPONSES	
Strongy agree	11.90%	15
Agree	30.95%	39
Disagree	39.68%	50
Strongly disagree	15.87%	20
I did not work on the electronic quizzes enough to have an opinion	1.59%	2
TOTAL		126



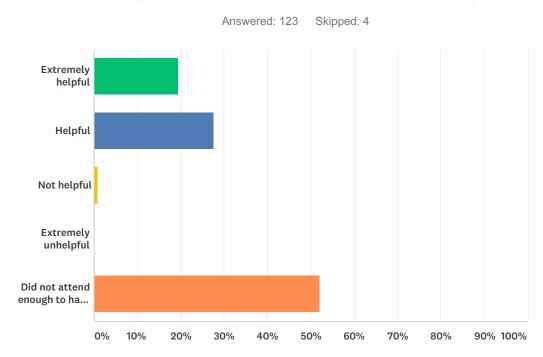
ANSWER CHOICES	RESPONSES	
Strongy agree	84.92%	107
Agree	15.08%	19
Disagree	0.00%	0
Strongly disagree	0.00%	0
I did not work on the homeworks enough to have an opinion	0.00%	0
TOTAL		126

Q8 How many times did you attend the active learning problem solving office hours Tuesday and/or Friday afternoons?



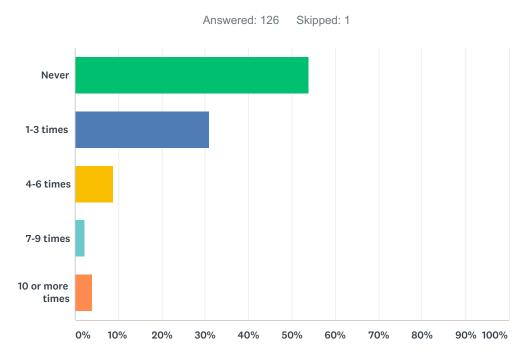
ANSWER CHOICES	RESPONSES	
Never	53.17%	67
1-3 times	23.81%	30
4-6 times	9.52%	12
7-9 times	4.76%	6
10 or more times	8.73%	11
TOTAL		126

Q9 If you attended the active learning office hours on Tuesday and/or Friday afternoons, how helpful were they?



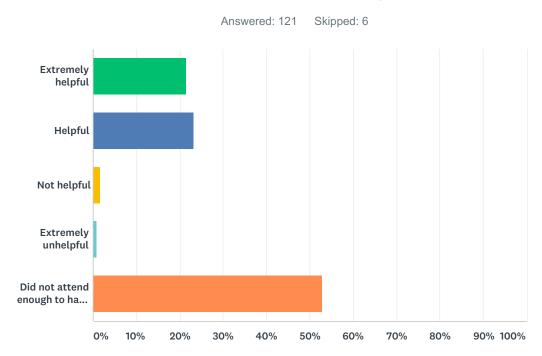
ANSWER CHOICES	RESPONSES	
Extremely helpful	19.51%	24
Helpful	27.64%	34
Not helpful	0.81%	1
Extremely unhelpful	0.00%	0
Did not attend enough to have an opinion	52.03%	64
TOTAL		123

Q10 How many times did you attend Dr. Iverson's office hours Wednesday afternoons?



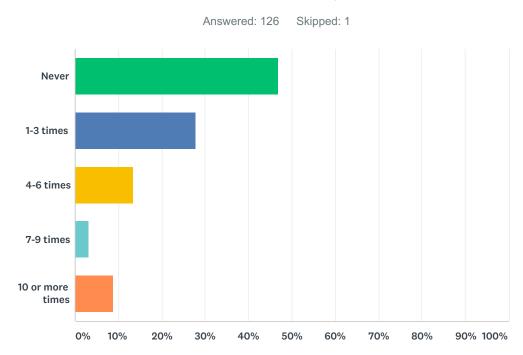
ANSWER CHOICES	RESPONSES	
Never	53.97% 6	68
1-3 times	30.95% 3	39
4-6 times	8.73% 1	11
7-9 times	2.38%	3
10 or more times	3.97%	5
TOTAL	12	26

Q11 If you attended Dr. Iverson's office hours on Wednesday afternoons, how helpful were they?



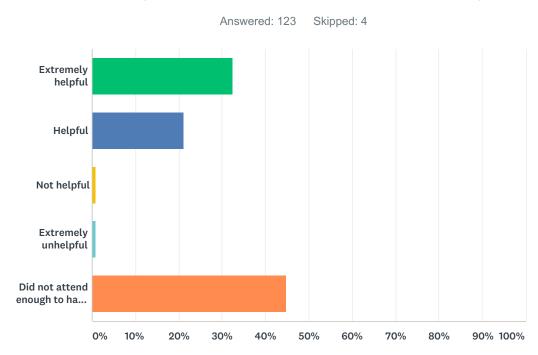
ANSWER CHOICES	RESPONSES	
Extremely helpful	21.49%	26
Helpful	23.14%	28
Not helpful	1.65%	2
Extremely unhelpful	0.83%	1
Did not attend enough to have an opinion	52.89%	64
TOTAL		121

Q12 How many times did you attend TA Chris Wight's "Missed the Wave" office hours Monday afternoons?



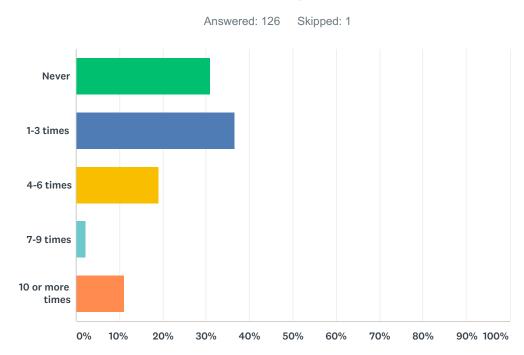
ANSWER CHOICES	RESPONSES	
Never	46.83%	59
1-3 times	27.78%	35
4-6 times	13.49%	17
7-9 times	3.17%	4
10 or more times	8.73%	11
TOTAL		126

Q13 If you attended Chris Wight's "Missed the Wave" office hours on Monday afternoons, how helpful were they?



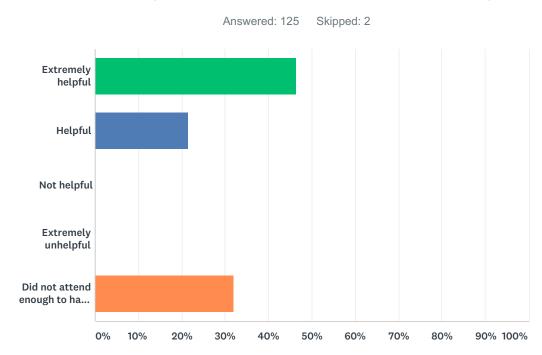
ANSWER CHOICES	RESPONSES	
Extremely helpful	32.52%	40
Helpful	21.14%	26
Not helpful	0.81%	1
Extremely unhelpful	0.81%	1
Did not attend enough to have an opinion	44.72%	55
TOTAL		123

Q14 How many times did you log onto the simulcast virtual office hours broadcast Thursday afternoons?



ANSWER CHOICES	RESPONSES	
Never	30.95%	39
1-3 times	36.51%	46
4-6 times	19.05%	24
7-9 times	2.38%	3
10 or more times	11.11%	14
TOTAL		126

Q15 If you logged onto the simulcast virtual office hour broadcasts on Thursday afternoons, how helpful were they?



ANSWER CHOICES	RESPONSES	
Extremely helpful	46.40%	58
Helpful	21.60%	27
Not helpful	0.00%	0
Extremely unhelpful	0.00%	0
Did not attend enough to have an opinion	32.00%	40
TOTAL		125

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

Answered: 102 Skipped: 25

#	RESPONSES	DATE
1	The ways that pharmaceutical drugs (generally) behave to work therapeutically in the human body. A better understanding of (basic) quantum mechanical theory of the atom. An appreciation for consistent exercise and it's impact on long term health.	12/27/2018 10:19 AM
2	1. Practice, practice, practice. To drill ochem into your head, it's critical to stay on top of the material. 2. Dr. Iverson wants what's best for you and provides all of the resources for you to do well in this class. Rewatch the lectures if you don't get it the first time; they're SO helpful! 3. Running/staying active is so important to living a long and healthy life!!	12/24/2018 9:58 AM
3	Understand don't memorize,	12/22/2018 5:22 PM
4	synthesis chirality NMR	12/22/2018 4:41 PM
5	Organic chemistry is useful for synthesizing chemicals from other chemicals; it's possible to be busy and successful and still have time to workout - I must be managing my time wrong; we are chiral - best quote ever	12/21/2018 2:42 AM
6	Where the electrons are How to visualize a molecule in 3d / with electron density It is ok to mess up / ask questions. Just keep going!!	12/20/2018 8:25 PM
7	1. Seldane vs Allegra, effect of nicotine, Aleive vs Advil 2. Run often 3. You can't work backwards if you don't know the material like the back of your hand. Know and understand all first steps of the mechanisms, and recognize that anything that follows the first step is mostly intuitive 4. Your passion for the subject resonated within me and now I love organic chemistry and am heavily considering a career in the field	12/20/2018 11:11 AM
8	how to predict the deconstruction/reconstruction of chemical bonds nicotine bad running good	12/20/2018 4:22 AM
9	1) Einstein was right when he said to make things as simple as possible, but no simpler. 2) Roadmaps are the best way to learn reactions in OChem, and I may try to use a similar study mechanism in other classes. 3) I learned the mechanisms by which many different molecules work, and it's so cool being able to explain them to others.	12/19/2018 5:21 PM
10	Synthesis, thinking about molecules' 3D structures, how to be detail oriented (not forgetting "racemic")	12/19/2018 4:51 PM
11	1. No topic is too hard to understand 2. Alkenes are the best molecules 3. Procrastination is deadly	12/19/2018 4:49 PM
12	1. make a "rules of the day" for all your classes 2. actually putting in the work will pay off 3.learning ocher can be fun	12/19/2018 2:59 PM
13	How to analyze and think about chemistry in a different way, to believe in myself when pursuing my own individual goals, and to start exercising earlier rather than later.	12/19/2018 1:21 PM
14	1) critical thinking 2) synthesis 3) running is extremely helpful for health	12/19/2018 11:04 AM
15	To understand and not memorize Good studying skills How to work backwards	12/19/2018 8:21 AM
16	Running is very important, NEVER get behind, and "Where are the electrons?" is the most important question in chemistry.	12/19/2018 4:49 AM
17	Roadmaps! Mechanisms Terminology	12/18/2018 10:19 PM
18	- practice makes perfect - it's really not that hard if you try - everything gets easier once you ask for help	12/18/2018 10:13 PM
19	1. I learned how to do synthesis problems and think in a different way than I ever have before. 2. I learned how an MRI works 3. and last but certainly not least I learned where the electrons are	12/18/2018 10:13 PM
20	Synthesis, mechanisms, and nomenclature.	12/18/2018 9:31 PM
21	-How to predict chemical reactions -How to name compounds -How an MRI works :)	12/18/2018 7:31 PM

22	How to keep up with challenging materials, learning how I personally learn best, the things we learn in ochem apply to daily life.	12/18/2018 7:21 PM
23	-how drugs work -how to make antifreeze from alcohol -exercise is important	12/18/2018 3:50 PM
24	I already took this survey (I put 1 as synthesis, 3 as the the first sentence of NMR verbatim), but I want to modify my most important things - 1) Molecules of the day. All the molecules of the day that we did (nicotine, chirality, ectasy and prozac, heroin/narcan) were awesome. The heroin/narcan molecule of the day literally made my week.	12/18/2018 3:27 PM
25	1) Synthesis in general is really cool and I enjoy it. 2) Hybridization of orbitals and atoms. 3) The popular medical diagnostic technique Magnetic Resonance Imagine (MRI) is based on the same principles as NMR, namely the flipping (i.e. resonance) of the nuclear spins of hydrogen atoms by radio frequency irradiation when a patient is placed in a strong magnetic field.	12/18/2018 3:17 PM
26	MRI Where are the electrons? Synthesis	12/18/2018 2:39 PM
27	I don't know if they are the most important, but I will list the ones I found most interesting. The first is how drugs work at a general level, their side effects and the fact that they are mostly filler. Secondly, NMR and MRI were really interesting, especially since it ties into what I studied in physics. Third, I chose reaction mechanisms in general, as they put chemical reactions in perspective for me, rather than just being about symbols and memorization.	12/18/2018 1:31 PM
28	I've learned where are the electrons, the importance of an MRI, and mechanisms	12/18/2018 1:07 PM
29	Where are the electrons? What is an MRI? Staying active is very important now and into the future.	12/18/2018 12:31 PM
30	How to study better, how to read textbooks efficiently, and how to think analytically about chemistry.	12/18/2018 11:59 AM
31	1. How to make something really cool and helpful from something smaller and possibly not helpful. (Synthesis) 2. The ocean is really cool and we need to save it 3. Running is fun and I will continue to do it.	12/18/2018 11:50 AM
32	1 When you understand one mechanism, you basically can understand all mechanisms. 2. Running is very good for you 3. It is never too late to catch the wave	12/18/2018 11:47 AM
33	1	12/18/2018 11:46 AM
34	I learned how to study which is primarily most important and will set me up for future courses. I learned that I can take hard classes and succeed if I study enough. I also think that the molecules of the day were important because they tied what we learned into tangible information	12/18/2018 11:43 AM
35	 Applications of chemistry to biology and biochemistry - Mental processes and thinking abilities that synthesis problems help to develop - Actual mechanisms behind the science in our lives (electrons, NMR and MRI, etc.) 	12/18/2018 11:33 AM
36	Synthesis, mechanisms, critical thinking	12/18/2018 11:28 AM
37	1. how a halonium intermediate determines the arrangement of a molecule 2. synthesis reactions 3. theory behind MRI	12/18/2018 11:25 AM
38	Reactions, how to tackle synthesis problems, and NMR	12/18/2018 11:24 AM
39	Problem solving- with the synthesis problems, being able to start with one and know what steps to take to end with another. The golden rules! To keep up with all of the work, and not wait last minute.	12/18/2018 11:06 AM
40	Being able to think critically in predicting reactions Understanding theory which translated to me understanding processed much more I also learned how to study for exams in something as rigorous and information-dense as ochem, which will translate to other courses and keep me on top of understanding information	12/18/2018 10:32 AM
41	How an MRI works,synthesis,and how chirality and medicine has a large impact on how it interacts with the body	12/18/2018 10:11 AM
42	Where are the electrons, I can learn a surprising amount if I give myself the time, think backwards	12/18/2018 10:06 AM
43	Mechanisms Synthesis Running	12/18/2018 9:55 AM
44	Identifying electrophile and nucleophiles in a reaction, regio/stereo chemistry, molecular stability	12/18/2018 9:55 AM

	-	2
45	1) I learned a lot more about the ways I learn, and how to study in order to best cater to them 2) I learned the value in re-watching old lectures/office hours/reviews etc after you have a better grip on the material they're discussing 3) I learned the importance of putting 100% effort into all of the practice midterms/finals/problems you do, and finishing them all BEFORE looking at the answer key. This was the most effective strategy for me to identify what I really did and did not understand.	12/18/2018 9:46 AM
46	bonding, reactions, NMR	12/18/2018 9:36 AM
47	The difference between a electrophile and nucleophile. How they both work in different mechanisms, which helped me see the first step even if I forgot the products. The electron density of proteins/ molecules and how that can be filled with new molecules created to counter the proteins role.	12/18/2018 9:34 AM
8	If you just try and do your best, you'll be surprised at what you achieve, both in understanding organic chemistry and running. If times get rough and you feel down, just start moving, whether that be exercising or dancing. Go snorkeling and diving to see some great creatures, and avoid stepping on a sting ray by shuffling your feet on ocean floors.	12/18/2018 9:28 AM
19	I love organic chemistry and that it was one of my favorite classes at UT. I learned that I enjoy mechanisms. I also learned that I enjoy synthesis problems because they are like puzzles.	12/18/2018 9:10 AM
50	I learned how to do synthesis, the importance of molecules in the world, and how Advil works.	12/18/2018 6:32 AM
51	You're can't memorize organic chemistry, office hours are important, doing practice problems is helpful	12/18/2018 6:16 AM
52	Running keeps you healthy. Where are the electrons. Ochem can be fun!	12/18/2018 3:57 AM
53	Actually learning over memorizing and cramming	12/18/2018 2:23 AM
54	Synthesis, practical applications (MRI), and the idea/importance of resonant structures	12/18/2018 2:07 AM
55	Studying on a daily basis Understanding rather than memorizing Understanding complex rxns from simple rxns	12/18/2018 1:59 AM
56	1. Self-care/Self-confidence 2. The Golden Rules of Chemistry 3. Roadmap	12/18/2018 1:35 AM
57	Wait, first of all, this was the BEST CLASS I'VE EVER TAKEN IN MY ENTIRE LIFE. The first most important thing that I learned is 1) Physical fitness is incredibly important and will prevent you from suffering from horrible health problems later on. 2) O Chem is a very time consuming class (I spent 8+ hours a week on this class every week, but also, I was very successful because of it), and even if you don't understand everything on the first time around, it's worth it to keep trying until you get it. 3) Take advantage of ALL of the resources that are provided. Go to Missed the Wave, go to all of the office hours (preferably watch them live), and do everything that Iverson tells you to do. 4) Trust Iverson. Iverson knows what you need to do to be successful. If he says to redraw the mechanism sheets, redraw them. If he says to go to bed early before the exam, go to bed early. I followed all of the hints that he gave, and that also helped me a ton. 4) Organic chemistry is a beautiful science, even if it's really hard, and it's super important that you understand the personalities of the molecules so that you can see how they will react in different chemical environments.	12/18/2018 1:21 AM
58	Where are the electrons? Chemistry is such an interesting subject Memorizing the Road map is a must!!	12/18/2018 1:12 AM
59	why ochem is relevant, how to know if i actually understand something (synthesis) vs just brutally memorized it, and that you remind me of bruce banner (but not of the hulk sorry)	12/18/2018 1:10 AM
60	1. I learned how to create different molecules from a starting material using reactions learned in class. This is the first science class where there is a creative aspect which I really enjoy. 2. I learned about the reactivity of molecules whether complex or not. 3. I learned the importance of paying attention to details that may seem tedious in class but have big consequences in real life.	12/18/2018 1:03 AM
61	Synthesis. Mechanisms. Time management	12/18/2018 12:39 AM
62	Critical Thinking, How to solve synthesis problems, How an MRI works	12/18/2018 12:31 AM
63	How to prepare for a class that's analytically driven, time management, how antifreeze can turn into alcohol	12/18/2018 12:28 AM
64	How to critically think. Life isn't just about school. Just do your best.	12/18/2018 12:24 AM

66	1. Even if Organic Chemistry does not come naturally to you, making it a point to understand the concepts will lead to success. 2. Where the electrons are 3. seriously never get behind	12/18/2018 12:14 AM
67	How to think through a synthesis problem. Where the electrons are. How NMR and MRI work.	12/18/2018 12:11 AM
68	importance of working out & living healthy, how to problem solve when i saw questions i'd never studied, synthesis	12/18/2018 12:09 AM
69	Understanding mechanisms, learning how to develop my critical thinking skills, and learning why it's improtant to run.	12/18/2018 12:08 AM
70	How electrons flow, how to think about synthesis, and how to evaluate complex molecules.	12/18/2018 12:06 AM
71	How to apply knowledge in harder questions, organic chemistry, and why organic chemistry is important	12/18/2018 12:03 AM
72	1. How useful keeping up with the textbook can be when you actually try 2. How to understand instead of just memorize 3. How cool chemistry actually is! Your class made it so interesting!	12/18/2018 12:03 AM
73	1) Where are the electrons? 2) Synthesis strategies 3) How to stay in shape when you're >50 years old:) 4) My ochem professor is a living legend	12/18/2018 12:01 AM
74	1. Ochem is intimidating, but Dr.Iverson provides you with all the necessary materials to succeed, and that overall INTUITION, is important and to be trusted once you have a fundamental undersyanding. 2. APPLICATION of ochem to real world!! From the molecules of the day to "the popular medical diagnositic technique, MRI" 3. studying is important, but being active and mainting a healthy lifestyle through running or even just walking daily is best for you. Bonus: Where the electrons are!	12/17/2018 11:58 PM
75	Ability to think backwards for synthesis, how to manage study time, how to write better notes	12/17/2018 11:57 PM
76	How organic chemistry explains different drugs and compounds that are very important in our lives. How to do a mechanism. How to do a synthesis problem.	12/17/2018 11:56 PM
77	1. Synthesis 2. Nucleophiles/Bases distinction (I was always too scared to ask for distinction on this very INTEGRAL concept prior to this class but you really made me learn the difference so THANK YOU). 3. Always wanted to go diving but your pictures/stories really just enhanced the desire so now I GOTTA do it (preferably wherever there are manta rays).	12/17/2018 11:56 PM
78	It is important to keep your health a priority by running or doing some kind of physical activity. Organic chemistry is the foundation of mostly everything in this world and what we know of it. Memorizing is not learning. Understanding and applying is key to catching the wave.	12/17/2018 11:55 PM
79	1) Synthesis/the roadmap 2) Nomenclature/learning how to speak like a chemist 3) NMR Theory	12/17/2018 11:54 PM
80	I learned way more than 3 things in this class it's honestly hard to articulate. Not only did I learn critical thinking skills, I also learned how important it is to challenge myself and stick to a study schedule. That paid off immensely. Above all, I learned to trust myself, ask questions, and try my hardest! Things really fell into place for me when I decided that I thought this material was beyond interesting. If you convince yourself that you want to engage, it's so easy! There are so many resources, and Dr. Iverson is the best lecturer at UT. I love O Chem, and I will miss it dearly!!	12/17/2018 11:54 PM
81	1. How to keep up with a difficult course. 2. Reactions and mechanisms. 3. How o Chem affects our daily lives.	12/17/2018 11:53 PM
82	1. How to think backwards and analytically 2. Best way to study for exams in this class and for other classes 3. Personal fitness is extremely important	12/17/2018 11:51 PM
83	Ochem is the basis for all of life and helps us explain/make more complicated materials How to find patterns in all of the mechanisms and make connections between each unit That your class has been more influential to me than any other class I'll take and it's a class I can utilize what I've learned and apply it from here on out. Your passion and ability to teach such a complex and "scary" subject is inspiring. I've always believed in sharing our wealth of knowledge with others, but you go beyond that and make science exactly what I want it to be - fun, challenging, motivating.	12/17/2018 11:50 PM
84	I essentially learned the best method to study (for myself) and how to combine memorization with understanding and application of the concepts. I also learned to embrace uncertainty and to trust in the process, since oftentimes information was gradually revealed to us or we are forced to make connections in outside studying. Finally, I learned to apply critical thinking skills and "backwards application" techniques from organic synthesis problems in other classesgenetics, namely.	12/17/2018 11:48 PM

85	understand>memorize, identifying identity of species in chemical rxns as a means to predict their behavior,	12/17/2018 11:46 PM
86	1. How drugs can be synthesized 2. Understanding shapes of molecules 3. MRI	12/17/2018 11:43 PM
87	To keep up with material, that study groups help a lot, and where the electrons are.	12/17/2018 11:43 PM
88	1) How to think critically instead of memorizing 2) I understand and am able to predict how molecules interact w each other 3) mechanisms	12/17/2018 11:42 PM
89	we all love organic chemistry, PI-WAY, InVERSiON	12/17/2018 11:42 PM
90	1) where are the electrons? 2) how reaction mechanisms work 3) synthesis!	12/17/2018 11:41 PM
91	How to think critically / piece wise I learned this in bio but the difference between saturated and unsaturated fats continues to amaze me and I always use it as my #funnerdfact That I am rly bad at drawing not only cyclohexane ring conformations but ALSO chair conformations :)	12/17/2018 11:41 PM
92	The most important thing in organic chemistry is where are the electrons. An -OH group is not a good leaving group but there are lots of reactions to make it into a good leaving group. Going up and down the I-35 of organic chemistry is how every synthesis problem starts.	12/17/2018 11:41 PM
93	1. I need to start running 2. Practice makes perfect 3. Understanding the mechanisms is the key to the class	12/17/2018 11:41 PM
94	synthesis was the actual implementation of all of our mechanisms which really made it all come into context. molecules of the day were the coolest thing this semester.	12/17/2018 11:40 PM
95	Synthesis (working through what I know to make something new) How an MRI works Running (:	12/17/2018 11:40 PM
96	Where the electrons are	12/17/2018 11:40 PM
97	Running is important. The most important question is where are the electrons. MRI's are based on the same principles as NMR.	12/17/2018 11:39 PM
98	Most important question where are the electrons, how MRI works, and the MCAT questions!	12/17/2018 11:39 PM
99	- run - know the personality of molecules - organic chemistry is life	12/17/2018 11:39 PM
100	How toothpaste works, being patient, and staying healthy	12/17/2018 11:39 PM
101	Don't panic if you feel behind, just keep working. Prioritize your health! Chemistry is COOL	12/17/2018 11:39 PM
102	I learned how to think and not memorize. I learned to believe in my abilities to do well. I learned time management.	12/17/2018 11:37 PM

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: 78 Skipped: 49

#	RESPONSES	DATE
1	A few resources that I found helpful: 1.) A YouTube channel called "The Organic Chemistry Tutor. It's not 1:1 with the course material covered, but I think it was really helpful when we were first learning about reactions of alkenes. He has a dedicated playlist that covers most of the content covered over a year of college O-chem. 2.) A college professor that uploads supplemental chemistry videos: https://chadsvideos.com . I didn't find this helpful during the last 1/3 of the semester. Stereochemistry was a mental hurdle for me and hearing it said a bunch of different ways helped. 3.) "Organic Chemsitry as a Second Language". There was a pdf floating online and I read through it alongside the textbook. They made the whole qualitative assessment of the stronger acid in equilibrium pretty straightforward. Really easy to read for students that are especially lost.	12/27/2018 10:19 AM
2	Form an ochem study group!!	12/24/2018 9:58 AM
3	Print out the mechanism sheets and place them in a sheet protector - do them with a dry erase marker again and again	12/22/2018 5:22 PM
4	SET REMINDERS FOR THE ONLINE QUIZZES!!!	12/21/2018 2:42 AM
5	no	12/20/2018 8:25 PM
6	Reworking the homework assignments for final practice was the BEST study tool. Also, rewatching all lectures to study for midterms 2 and 3 was incredibly useful to me after manually covering the material first— something about hearing the material being explained a second time, especially after seeing it written down myself, helped me remember it much clearer during the exam. Also, it served as a great way to keep up with the material for the final review	12/20/2018 11:11 AM
7	watching leah4sci youtube videos for simple things I didn't understand. Like determining the steriochemistry of a chiral center when the 4th priority group is in the plain	12/20/2018 4:22 AM
8	Use the mechanism sheets to make flash cards for a portable way of quizzing yourself on mechanisms, regiochemistry, and stereochemistry when studying for an exam.	12/19/2018 5:21 PM
9	N/A	12/19/2018 4:51 PM
10	-	12/19/2018 2:59 PM
11	No, I think if you stick with the resources given and ask questions when you need help, you'll do fine.	12/19/2018 1:21 PM
12	I took your advice and made a giant poster for the roadmap with all the reactions we had learned	12/19/2018 11:04 AM
13	I just did a lot of problems and went over HW and old midterms and finals. But you shouldn't get caught up in what you know, because it will trip you up when you get to the final. Don't forget to focus on the weakpoints!	12/19/2018 8:21 AM
14	Utilizing the TAs as much as possible was extremely helpful, given our TAs are probably the best at the university. I went to the problem solving sessions religiously and did not hold back from asking questions until I fully understood the material I was struggling with. This was probably the most helpful thing from this semester and I cannot emphasize enough how helpful the sessions & TAs are!	12/18/2018 10:13 PM
15	nope	12/18/2018 10:13 PM
16	Read the textbook before class, and review class notes right after class.	12/18/2018 7:21 PM
17	Group chats are helpful as long as everyone is mature and helpful.	12/18/2018 3:50 PM
18	N/A	12/18/2018 2:39 PM

19	Not necessarily, but I would like to point out that I know I could have done better had I gone to office hours and problem solving sessions more.	12/18/2018 1:31 PM
20	Tutoring non stop	12/18/2018 1:07 PM
21	Practice! Practice! Practice! The more exposure you have to O chem, the better and less scary it will be.	12/18/2018 12:31 PM
22	I make my own color coded study guides to help before the tests.	12/18/2018 11:50 AM
23	No, I always referred to the course website	12/18/2018 11:47 AM
24	- TAKE THE PRACTICE MIDTERMS/FINALS!!!!!!!	12/18/2018 11:33 AM
25	No	12/18/2018 11:28 AM
26	In addition to praying and stress walking, I really tried to remember to always return to basic explanations of chemical reactions, especially when learning synthesis reactions. For example, every so often, I would review notes from the beginning of the semester, and I would always pick up on something different.	12/18/2018 11:25 AM
27	Print out empty mechanism sheets, cover them with sheet protectors, and keep practicing on them with board markers	12/18/2018 11:24 AM
28	I rewrote all the rules of the day before every exam, made sure I understood them, and put in references or examples from my notes (ex: if I wrote a rule of the day describing a mechanism I'd rewrite the mechanism out) and this was a major study tool for me because it was mostly all- encompassing and I could see what I did and did not understand from the previous unit	12/18/2018 10:32 AM
29	Mechanism flash cards	12/18/2018 10:11 AM
30	I think just struggle through the homework ESPECIALLY with a group	12/18/2018 10:06 AM
31	Reviewing lectures and recommended office hours were always helpful	12/18/2018 9:55 AM
32	While studying, I found it very helpful to really go into the "why" molecules act the way they do, because from there everything else made sense.	12/18/2018 9:55 AM
33	I learned the importance of studying by myself BEFORE I meet with my classmates. I think that understanding the material yourself before discussing it with others makes my learning far more effective,	12/18/2018 9:46 AM
34	spaced repetition flash cards of reactions	12/18/2018 9:36 AM
35	The roadmap really prepared me for the last two exams. Having the visual displays in class and a molecule set helped in the beginning when identifying stereoisomers.	12/18/2018 9:34 AM
36	Practice, practice, practice!!! Use the problems available from various sources in the website and make up a few problems yourself too.	12/18/2018 9:28 AM
37	I got a hard copy of an old book from the library because I liked having a physical book in front of me while I worked on the quizes or homework	12/18/2018 9:10 AM
38	I felt it was better to hold myself accountable for the class by studying 3 hours a day starting 9 days before (Tuesday the week before).	12/18/2018 6:32 AM
39	I made some flash cards and read over them	12/18/2018 6:16 AM
40	Realizing that office hours and missed the wave aren't supplemental videos, they are ESSENTIAL and that you SHOULD definitely watch them.	12/18/2018 3:57 AM
41	Looking at old rules of the day and the mechanism packet	12/18/2018 2:07 AM
42	Each week , I went over the "rules of the day" , so I could make sure I understood everything from past lectures .	12/18/2018 1:59 AM
	The Organic Chemistry Tutor on Youtube is a really helpful resource. Quick, straightforward, and	12/18/2018 1:35 AM
43	another resource to 1.) gain a different explanation about the material covered in class 2.) gain insight about the upcoming topics - of what is to be covered in lecture	
43		12/18/2018 1:21 AM

46	i watched your old lectures and reworked your practice problems tons of times to make sure i understood.	12/18/2018 1:10 AM
47	For me it was helpful to create my own review based on class notes, rules of the day, and office hours for each midterm. This is especially useful for the final because all of the important material from each midterm are synthesized into a review.	12/18/2018 1:03 AM
18	Rewatching lectures was crucial	12/18/2018 12:39 AM
19	I would go through the rules of the day and fill in anything I missed in lecture in my class notes before each midterm and then mark the stuff I didn't understand as a preliminary review before I started redoing homework's and midterms	12/18/2018 12:28 AM
0	Life isn't just about school.	12/18/2018 12:24 AM
51	1. The detailed reactions sheet was extremely helpful to me (more helpful than the roadmap). 2. go back to the lectures with mechanisms and rewatch the lectures to fill in the mechanism sheets again until they become natural.	12/18/2018 12:14 AM
52	I went to the Sanger learning center to understand chirality and other topics that I fully couldn't grasp.	12/18/2018 12:08 AM
53	You pretty much covered everything to be successful in this course.	12/18/2018 12:06 AM
54	I only used the things offered as office hours and what's listed on the website. It was a lot of info and I never had to look outside of it.	12/18/2018 12:03 AM
55	Worked with classmates on the homework's and electronic quizzes; that way I was not just putting an answer without understanding it. Working with my friends forced me to understand and pay attention to the material instead of slacking on the work outside of class.	12/18/2018 12:03 AM
56	I would redo the old midterms and final exams multiple times before each midterm and final. Also making flash cards for the reactions were very helpful.	12/18/2018 12:01 AM
57	I made a mechanism poster (2 x 2 of standard paper) with detailed notes from the holy mechanism packet in order to help ingrave the concepts and relationships in my hand. I will probably have it up as art. Also, this might already be incorportated as part of online office hours, but the jokes, much appreciated and fun, were very helpful with recalling memory! I will never got the ether-sauraus joke or how an ether looks like.	12/17/2018 11:58 PM
58	No.	12/17/2018 11:56 PM
59	Not specifically mentioned in the survey, but you did encourage it in class, was memorizing the roadmap. This was SO crucial for me in regards to the 3rd midterm and the final! Redrawing it again and again till I memorized it was cool, but once I actually started understanding and noticing patterns it even helped me out if I was stuck on mechanism problems!	12/17/2018 11:56 PM
60	Although I may have not attended the problem solving sessions, I still did the handouts before the exams which really helped.	12/17/2018 11:55 PM
61	For me, constantly filling in a blank roadmap was very helpful. Also, for me it helped to extend the "I-35" analogy (thinking of alkanes as San Antonio, haloalkanes as San Marcos, etc.) to the rest of Texas for chemical species. For example, using Houston for alcohols, College Station for aldehydes/ketones. This association helped me memorize all of the species and reactions possible and was a useful learning tool for me.	12/17/2018 11:54 PM
62	I made flashcards of the final page of the mechanism packet with the 40 or so different reactions. I drew the starting and ending product on the front and the reagent on the back. This was much more beneficial for me than the roadmap! That may be a personal preference, but the roadmap was always very overwhelming for me. Breaking it down reaction by reaction is how I really learned them. Once I memorized my flashcards, synthesis was not nearly as daunting!	12/17/2018 11:54 PM
63	Redo as many homeworks and old tests as you can, it is by far the best way to prepare for exams.	12/17/2018 11:53 PM
64	N/a	12/17/2018 11:50 PM
65	While not a resource or a study technique per se, I think it was extremely important for me to sit down with the textbook and material and simply read and absorb on my own before attempting lectures/discussions/review sessions. While I tried very hard to "figure out" and understand concepts (like how to do synthesis) without memorization, I feel that it's perfectly fine to memorize first and then build upon that superficial knowledge as one gains more practice.	12/17/2018 11:48 PM

onceptual ideas covered since the last test and ym	12/17/2018 11:46 PM
	12/17/2019 11:42 DM
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	12/17/2018 11:41 PM
	12/17/2018 11:40 PM
	12/17/2018 11:39 PM
	12/17/2018 11:37 PM
	y helpful with studying for the tests. I also problem solving and some online office hours. y plan on what material I would cover with red by the time the exam happened. anism sheets in plastic sheet files and using y pushing be things you use to laminate papers with) and he mechanism sheets that way!! burs live is so much more helpful than watching ask questions and stay better engaged. mportant, like the rules of the day, you need to terial.

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

Answered: 82 Skipped: 45

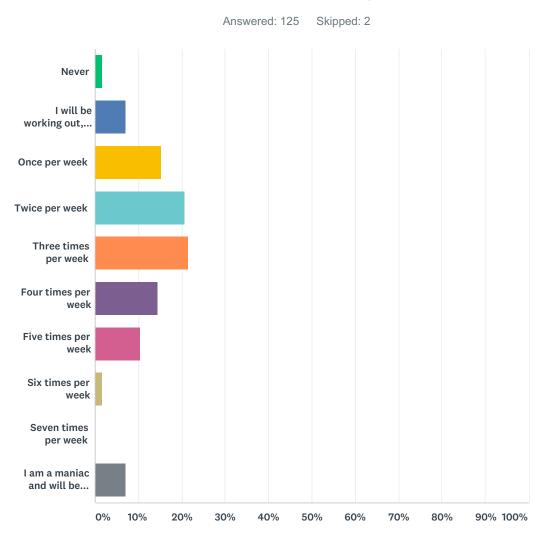
#	RESPONSES	DATE
1	Honestly, your class is very well organized. Access to many old exams. Ability to catch office hours, lectures, and TA reviews online. The only suggestion that comes to mind is to make electronic quizzes a.) more reflective of what will be tested (example: calculating hydrogen deficiency index # was not) and b.) of material covered in quizzes to be review of older concepts not newer ones. The quizzes are intended to keep us consistently working on/thinking about organic chemistry and I appreciate that. However, I am often actively trying to learn the material for the quiz (prior to the quiz) only to run out of time and spend the rest of my night rushing to half-guess on the quiz. I understand they aren't weighted heavily and there is leeway in getting some answers wrong.	12/27/2018 10:19 AM
2	I can't think of anything right now!	12/24/2018 9:58 AM
3	Add all reactions to the mechanism packet so that they are easy to find. I know they were on the last page, but it would've been helpful to have a page in the mechanism packet for each reaction explaining the reactants, stereochemistry, regiochemistry, etc. even though we may not responsible for the mechanism of that reaction.	12/21/2018 2:42 AM
4	You're doing great	12/20/2018 8:25 PM
5	You are an incredible professor and human being. Never lose your passion for teaching this subject because you are really influential and make your students question everything they thought they knew.	12/20/2018 11:11 AM
6	more time on the tests or shorter tests.	12/20/2018 4:22 AM
7	Ensure all of the online quizzes match up with material from class, as sometimes I felt like they didn't really correspond; we'd ultimately end up being tested on a different aspect of the conent.	12/19/2018 5:21 PM
8	The more practice, the merrier — maybe include homeworks from previous years	12/19/2018 4:51 PM
9	The website's organization is a little confusing	12/19/2018 4:49 PM
10	n/a	12/19/2018 11:04 AM
11	Nothing, really. When I first started the class, I thought the material was too hard for me to do well, but all of you did an excellent job teaching us! So I don't feel like OChem is hard now. YOU GUYS WERE GREAT!	12/19/2018 8:21 AM
12	The electronic quizzes do not engage me in the material and do not encourage me to read the textbook	12/18/2018 10:19 PM
13	Though not related to how the chemistry was taught, I have a major concern that's stuck with me throughout this semester. Near the beginning of the semester, before the Run to the Water event, you talked to our class about how running has allowed you to stop saying no to certain foods, since running regularly requires an increased calorie intake. You went on to say each mile can be seen as 100 calories, and further equated a meal to a certain number of miles. This mindset, though seemingly productive and even healthy at the surface, can set off triggers and red flags in the minds of many young adults. Equivocating a meal with a workout can easily lead to the development of disordered eating behaviors and over-exercise, and projecting this idea onto a group of 500 young adults is simply naive and irresponsible. I know you would never intend to come off in this way, given you are genuinely concerned for our physical wellbeing, but as someone who has struggled with an eating disorder for years, this deeply disturbed me, mainly because I know there was a small percentage of people listening in lecture who did not need that type of behavior validated. Again, I realize you didn't mean to have that effect, but I just wanted to bring your attention to the various receptions of that message so you're aware of this going forward. Besides this, thank you for a great year and for demonstrating so much compassion and patience to your students.	12/18/2018 10:13 PM
14	I think the class is perfect the way it is.	12/18/2018 10:13 PM
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15	I felt that the electronic quizzes were not helpful as they tested knowledge of the reading rather than the daily lecture material. Instead, random in-lecture quizzes may be a more effective form of assessment.	12/18/2018 9:31 PM
16	Please either remove the electronic quizzes or drop the lowest 2 quizzes. I did not need them AT ALL in order to do well in the class I got A's on all the exams and paid the least amount of energy/attention to the ebook quizzes. If anything, they hurt my grade due to missing questions because of unclear formatting or just fogetting that the quizzes exist when you have other ochem things going on. I really cannot stress how big of a waste of time I considered the quizzes to be. They were an annoyance at best and unhelpful most of the time as you taught and graded in a different style :(12/18/2018 8:40 PM
17	I enjoyed the class as it is.	12/18/2018 7:21 PM
18	I LOVED the NBS mechanism lecture and the problem solving thing we did on one of the Thursday office hours. I wish there were more problems in class, but I'm sure time constraints are a factor. I honestly think the Cengage quizzes were useless. The textbook is OK, but the vocabulary is really dense, so going to lecture/watching lectures over to get the laymans terminology (e.g. wicked strong base, crunching into each other for steric strain) was critical for me to understand - and the quizzes simply mirrored the book. I think as an alternative I'd suggest giving an old exam problem instead of problems from the book/Cengage quizzes, because those accurately reflect what tests will be like (although I used the old tests a lot to study, so I'm biased).	12/18/2018 3:17 PM
9	Additional practice problem sheets with answers.	12/18/2018 2:39 PM
20	I don't mean to offend with this one but I think that talking less about running would be beneficial. I get that it's important and we should all do it, but I don't think it should take as much class time as it did. Since you already gave so much of an incentive to go running already (i.e. not including nomeclature), I think the point got across. Personally, I would prefer to cover more material. This of course may not work for everyone, since I know people in the class who really hate the material, but I myself would have appreciated it. Also please understand that I don't mean to stop talking about it altogether, just a little less.	12/18/2018 1:31 PM
:1	Being able to have more ono on one time with students	12/18/2018 1:07 PM
22	The class was a lot faster before the third exam, maybe some of the material from the third exam could be out on the second exam. I liked how you went slow during the first part of the course and went over basic chemistry concepts because it had been a few years since I had taken a chemistry course and it helped me feel more confident for the semester.	12/18/2018 11:59 AM
23	Nothing I loved it.	12/18/2018 11:50 AM
4	There is nothing that needs to be changed, I really enjoyed everything that was provided to us.	12/18/2018 11:47 AM
5	No owl quizzes	12/18/2018 11:43 AM
26	- It's perfect the way it is!	12/18/2018 11:33 AM
27	Take out the electronic quizzes	12/18/2018 11:28 AM
28	The synthesis problems of the day were very helpful because you gave us strategies of how to think about the properties of different products.	12/18/2018 11:25 AM
29	A structured review session outlining all the concepts for midterms would be nice.	12/18/2018 11:24 AM
30	Everything was exceptional	12/18/2018 11:06 AM
31	N/A, just note that I really appreciated that all of the office hours and reviews were recorded so I could watch them later because I had to work a lot and couldn't go to most of them so it made me feel much better knowing I could go and see them anyways	12/18/2018 10:32 AM
32	I honestly don't think the readings were very helpful and sometimes they were so long I just didn't do them. It might've been more helpful to assign smaller sections or specific pages that will be the most relevant.	12/18/2018 10:06 AM
33	Make the final worth less. I was never worried about failing the class until I took the final and realized it's worth.	12/18/2018 9:55 AM

		Burveyiviolike
35	Personally, I would have preferred a different means of making students engaged in the reading other than the equizzes. I am someone who greatly benefits from reading before class, so I always did it, but I felt that the equizzes were not fair judges of that. Perhaps even just modifying them so that they are a mix of conceptual/application questions would be nice.	12/18/2018 9:46 AM
36	Could you make the electronic quizzes optional / add-on like homeworks? Honestly, I kept forgetting to take them.	12/18/2018 9:36 AM
37	Maybe have one more lecture on Substitution and elimination	12/18/2018 9:34 AM
38	None!	12/18/2018 6:32 AM
39	I feel that you have got that down this was by far the most well put together course i've ever taken.	12/18/2018 6:16 AM
40	Having the exams weigh so heavily on our grades is tough, but I don't know the best way around that to be honest. Besides that, you are an incredible professor and your class is awesome	12/18/2018 3:57 AM
41	Teach us NMR earlier, it was a lot left for right before the final	12/18/2018 2:07 AM
42	N/A	12/18/2018 1:59 AM
43	Call out for volunteers to do a problem that was covered the previous lecture. It's a big class - this would be engaging the students. Let this be known and incentives could be included such as .10 extra credit or whatnot.	12/18/2018 1:35 AM
44	I would say to get rid of the e-quizzes. They didn't really do much to help me, and I really didn't learn anything from them. If anything, they were an unnecessary source of stress. Or, it's really important to keep them, make sure that everyone gets a free 100 percent as 5 percent of their course grade, as long as they attempt each one of the e-quizzes.	12/18/2018 1:21 AM
45	Absolutely nothing! Professor Iverson is the best OChem Professor!! I love the way you taught our class (especially those Skype calls) and I am really glad you shared your old exams with us	12/18/2018 1:12 AM
46	i wasn't a huge fan of the electronic quizzes and even missing a few put a dent in my grade (maybe if you dropped 1 or 2)	12/18/2018 1:10 AM
47	There is not much. This was one of my favorite classes and you are one of the best teachers I have had at UT. I am still suprised I made it into your class from the waitlist. One thing that was kind of difficult is that the final is worth so much of my grade. I think I did fine on the final, but 40% for one test is a lot of pressure. Thank you so much!	12/18/2018 1:03 AM
48	Maybe adding a discussion	12/18/2018 12:31 AM
49	Drop 3 electronic quizzes	12/18/2018 12:28 AM
50	Teach how to solve mechanisms in class.	12/18/2018 12:24 AM
51	I think spend more time on the synthesis, and less time on the things we did before mechanisms.	12/18/2018 12:19 AM
52	I liked it when we would begin the class with practice problems, I wish we would have done this more throughout the semester.	12/18/2018 12:14 AM
53	You're an amazing lecturer, keep doing what you do!	12/18/2018 12:08 AM
54	I would use Dr. McCord's website as an inspiration for website design. I preferred the look of his websites much better.	12/18/2018 12:06 AM
55	I honestly don't have any suggestions. I loved this class. I think the only thing I could suggest is even more real life examples and interesting tangents, as they were by far my favorite part of class. I'm very glad to know how toothpaste works.	12/18/2018 12:03 AM
56	Towards the end, compile all the rules of the day into one document so they are easily accessible to study. Otherwise, I can't think of anything to make the class better than it was.	12/18/2018 12:03 AM
57	Give less electronic quizzes because they're easy to forget and miss. It just worries the students.	12/18/2018 12:01 AM
58	One time I emailed the electron email and never got a response and was honestly put off. But I do understand that a high mass of e-mails are recieved. Maybe having a piazza? If we do have one and I missed it, sorry. Sustainability wise, it would be nice to save paper. HOWEVER, I can see why having everything hard-copy is helpful in terms of grading, and just an overall better learning experience for students. I really truly appreciated the online website and how you hand write your notes with us. I wish ofher professors did that.	12/17/2018 11:58 PM

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59	Loved your class, I just didn't feel like i was given enough practice on conceptual questions before exams.	12/17/2018 11:56 PM
60	I didn't find the online quizzes to be that beneficial. Truthfully some of them I could complete without reading the assigned chapters, so it wasn't really fulfilling its purpose. Maybe also consider dropping the lowest quiz grade?	12/17/2018 11:56 PM
61	I think the way this course is set up is set up to help a student succeed. The missed the wave sessions are amazing and should never go away.	12/17/2018 11:55 PM
62	I know there probably isn't much you can do about this, but it's frustrating spending \$100+ on an e-book when you can't have access to the book after a year, max. I'd much rather spend that money on a hard copy, then have the online quizzes on a different platform. Other than that, I think the class was great. I loved how many resources there were for us to succeed.	12/17/2018 11:54 PM
63	I truly loved this class. The only thing that wasn't my favorite was the online quizzes. I really feel like they did not fairly measure my knowledge of the material because the format of them was so different than the test format. My test average was an 93.5, but my quiz average was a 70! Definitely a disconnect. I think it would be far more beneficial if YOU wrote the quizzes and had them on canvas instead of automatically generated online. If they were more like the tests, I think that could be super beneficial. Thank you for everything, Dr. Iverson!!!	12/17/2018 11:54 PM
64	Have group exercise classes :)	12/17/2018 11:53 PM
65	Nothing. Y'all do so much for us and give us endless opportunities to be successful.	12/17/2018 11:51 PM
66	N/a	12/17/2018 11:50 PM
67	This course was structured very well with abundant resources, so I have no significant suggestions. However, I did feel that, in the latter half of the semester, a lot of helpful information was stated in the office hours/review sessions that was not mentioned in lecture. While I eventually was able to attend/watch all the recorded lectures/office hours/reviews, I felt like this dispersal of vital information detracted from my learning process.	12/17/2018 11:48 PM
68	i loved it and i think you provided everything necessary for student success	12/17/2018 11:46 PM
69	This was hands down my favorite class this semester. I think it was great the way it was. However, I did not find the electronic quizzes that helpful and I did forget about them a couple of times, thus hurting my grade.	12/17/2018 11:43 PM
70	Some of the electronic quizzes were unnecessarily difficult	12/17/2018 11:43 PM
71	I think you did a great job you're engaging funny and you try to help us become better learners not memorizers	12/17/2018 11:42 PM
72	I thought the class was the best it could be with the material it covered.	12/17/2018 11:42 PM
73	Take out the e-quizzes!	12/17/2018 11:41 PM
74	Do harder example during class that would prepare us for the quizzes / homework. I often felt the quizzes were so difficult initially but now looking back I better understand the material	12/17/2018 11:41 PM
75	More focus on the last page of the mechanism packet	12/17/2018 11:41 PM
76	it was great	12/17/2018 11:40 PM
7	Don't change it. You're doing an amazing job! Thanks for a great semester.	12/17/2018 11:40 PM
78	None! The class was structured in a way that makes me wish all my other classes were the same.	12/17/2018 11:39 PM
'9	More photos of fish. Those made my day!	12/17/2018 11:39 PM
30	more time spent on developing strategies synthesis would be nice! i felt pretty lost going into the final since there was a significant jump in the difficulty of synthesis problems that weren't shown in class	12/17/2018 11:39 PM
31	I love your class! There was an equal balance between the serious stuff and the fun stuff like fish	12/17/2018 11:39 PM
82	For the review sessions, you should come with a list of topics (major topics) and do examples of each problem. At the end, you can ask if anyone has any specific problems they'd like to go over. Usually, people asked the same questions so I always left early and found it not helpful.	12/17/2018 11:37 PM

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



ANSWER CHOICES	RESPONSES	
Never	1.60%	2
I will be working out, but less than once per week on average	7.20%	9
Once per week	15.20%	19
Twice per week	20.80%	26
Three times per week	21.60%	27
Four times per week	14.40%	18
Five times per week	10.40%	13
Six times per week	1.60%	2
Seven times per week	0.00%	0
I am a maniac and will be working out more than seven times per week	7.20%	9

TOTAL