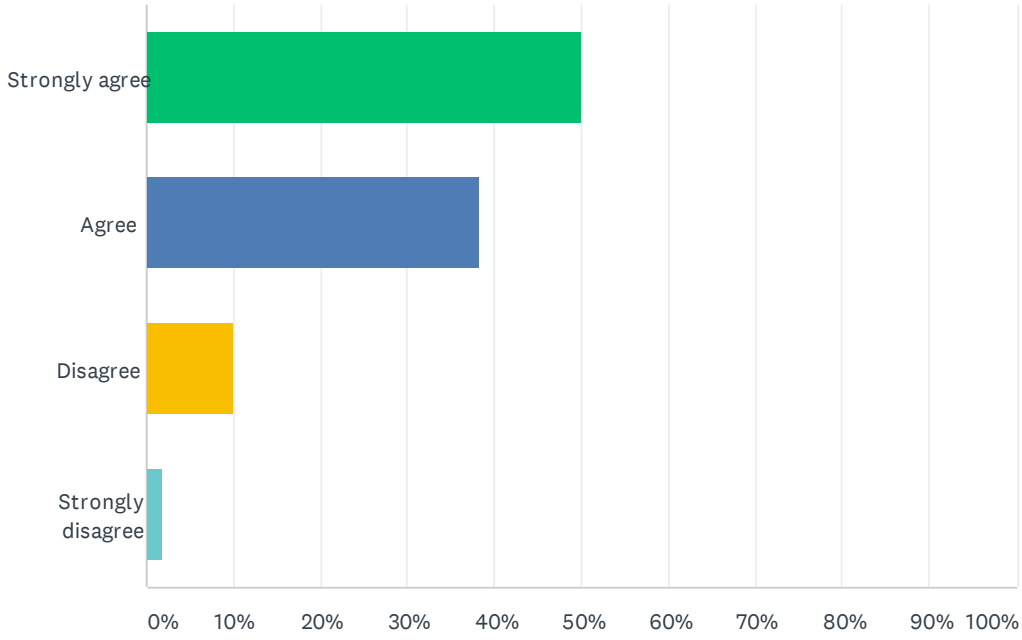
Q1 I feel as though I caught the Organic Chemistry Wave

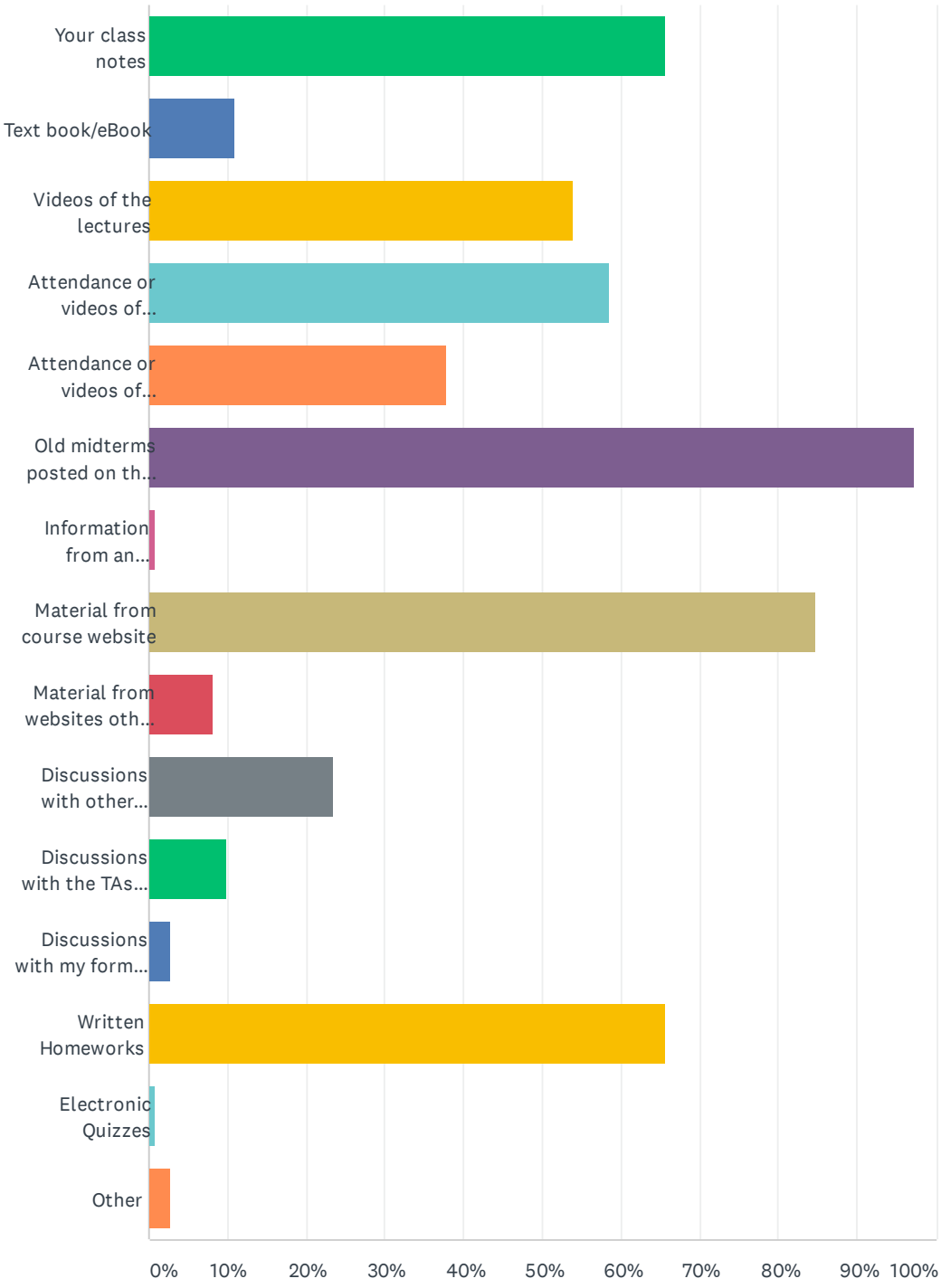
Answered: 110 Skipped: 1



ANSWER CHOICES	RESPONSES	
Strongly agree	50.00%	55
Agree	38.18%	42
Disagree	10.00%	11
Strongly disagree	1.82%	2
TOTAL		110

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

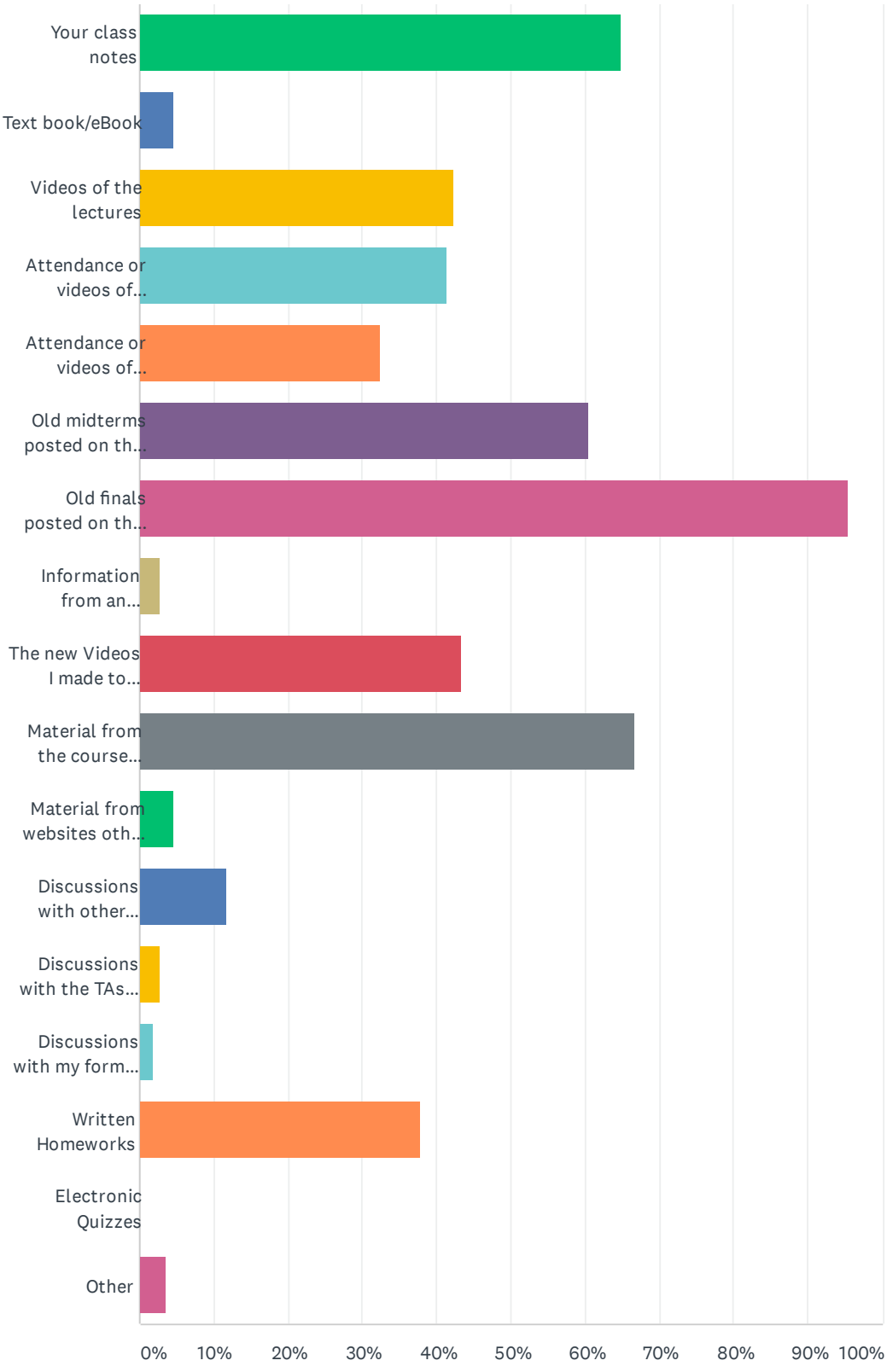
Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Your class notes	65.77%	73
Text book/eBook	10.81%	12
Videos of the lectures	54.05%	60
Attendance or videos of office hours	58.56%	65
Attendance or videos of special review sessions	37.84%	42
Old midterms posted on the course website	97.30%	108
Information from an unofficial course Facebook page	0.90%	1
Material from course website	84.68%	94
Material from websites other than the course website	8.11%	9
Discussions with other students	23.42%	26
Discussions with the TAs or the professor	9.91%	11
Discussions with my former students	2.70%	3
Written Homeworks	65.77%	73
Electronic Quizzes	0.90%	1
Other	2.70%	3
Total Respondents: 111		

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

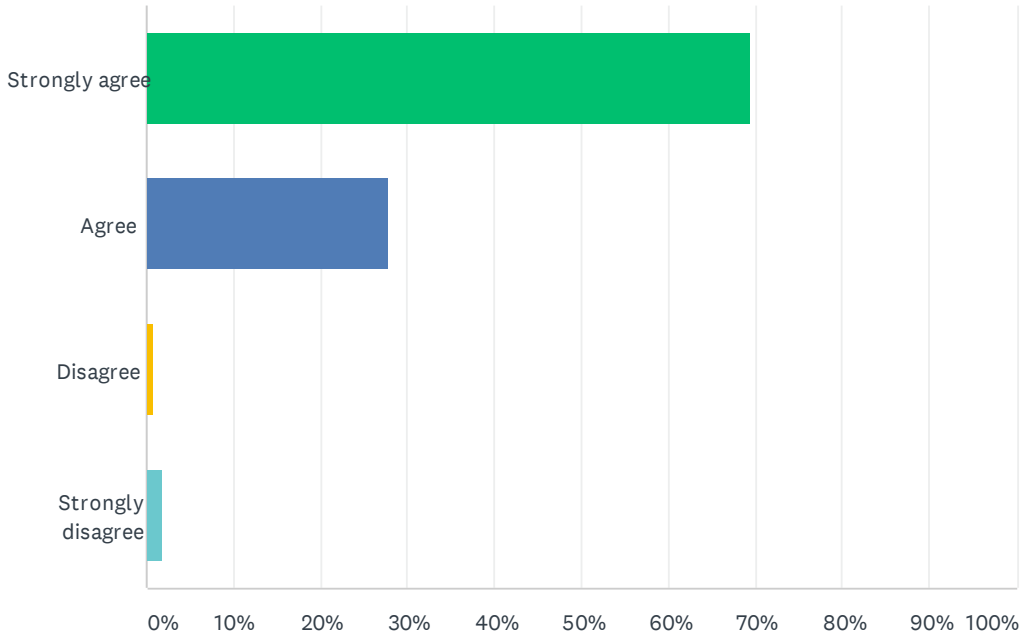
Answered: 111 Skipped: 0


Your class notes
Text book/eBook
Videos of the lectures
Attendance or videos of...
Attendance or videos of...
Old midterms posted on th...
Old finals posted on th...
Information from an...
The new Videos I made to...
Material from the course...
Material from websites oth...
Discussions with other...
Discussions with the TAs...
Discussions with my form...
Written Homeworks
Electronic Quizzes
Other
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%

ANSWER CHOICES	RESPONSES	
Your class notes	64.86%	72
Text book/eBook	4.50%	5
Videos of the lectures	42.34%	47
Attendance or videos of office hours	41.44%	46
Attendance or videos of special review sessions	32.43%	36
Old midterms posted on the course website	60.36%	67
Old finals posted on the course website	95.50%	106
Information from an unofficial course Facebook page/GroupMe	2.70%	3
The new Videos I made to describe the 2018 final	43.24%	48
Material from the course website	66.67%	74
Material from websites other than the course website	4.50%	5
Discussions with other students	11.71%	13
Discussions with the TAs or the professor	2.70%	3
Discussions with my former students	1.80%	2
Written Homeworks	37.84%	42
Electronic Quizzes	0.00%	0
Other	3.60%	4
Total Respondents: 111		

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

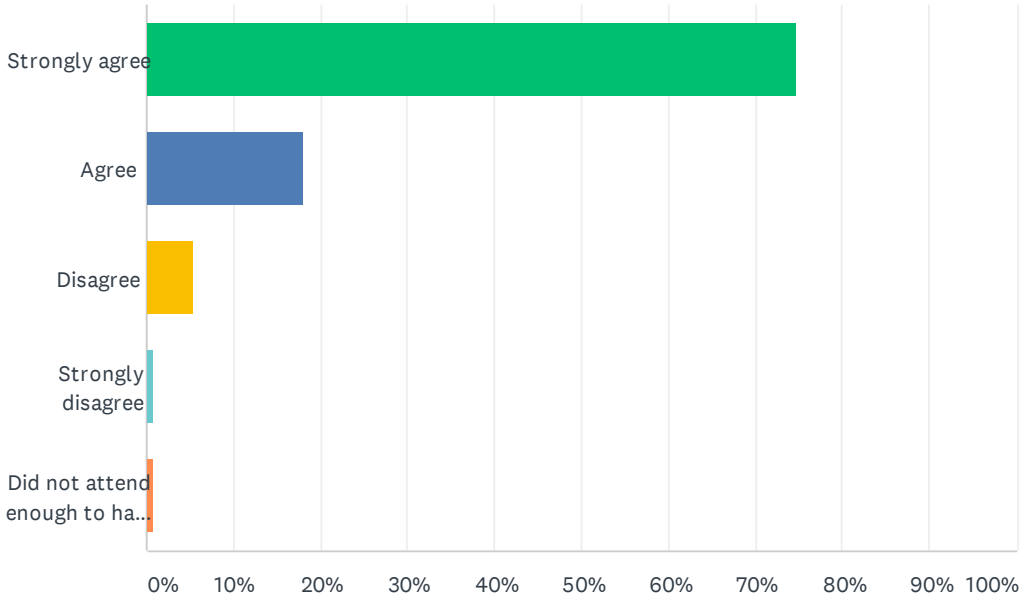
Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	69.37%	77
Agree	27.93%	31
Disagree	0.90%	1
Strongly disagree	1.80%	2
TOTAL		111

Q5 Attending lecture was helpful

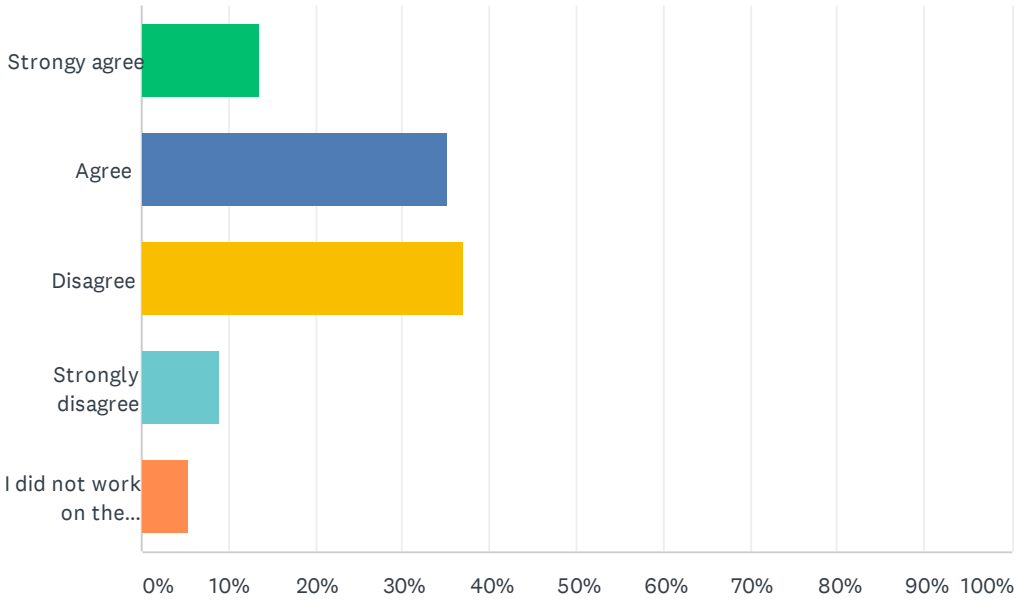
Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	74.77%	83
Agree	18.02%	20
Disagree	5.41%	6
Strongly disagree	0.90%	1
Did not attend enough to have an opinion	0.90%	1
TOTAL		111

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

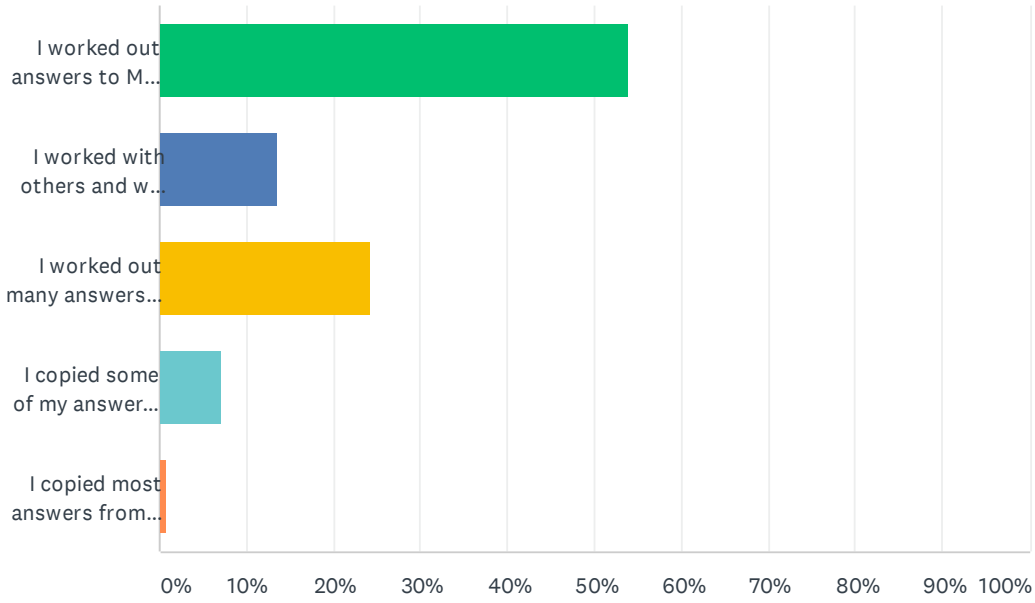
Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongy agree	13.51%	15
Agree	35.14%	39
Disagree	36.94%	41
Strongly disagree	9.01%	10
I did not work on the electronic quizzes enough to have an opinion	5.41%	6
TOTAL		111

Q7 Pick the one or two items from the following list that best describe how you completed the 10 written homeworks

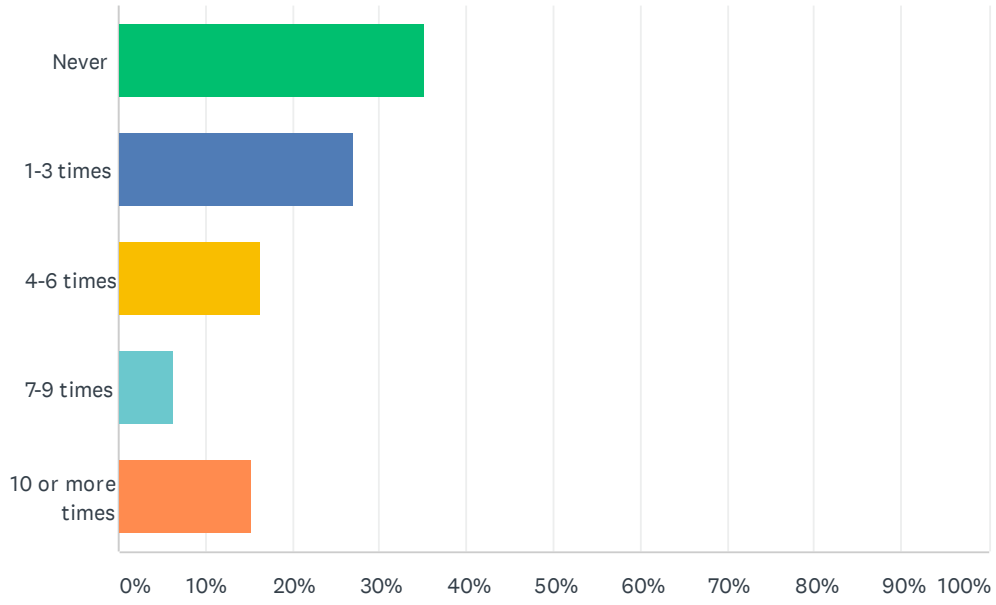
Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
I worked out answers to MOST questions myself	54.05%	60
I worked with others and we developed answers to MOST questions in a collaborative way	13.51%	15
I worked out many answers myself but also worked collaboratively with others on many questions as well	24.32%	27
I copied some of my answers from others/answers from previous years	7.21%	8
I copied most answers from others/answers from previous years	0.90%	1
TOTAL		111

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

Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	35.14%	39
1-3 times	27.03%	30
4-6 times	16.22%	18
7-9 times	6.31%	7
10 or more times	15.32%	17
TOTAL		111

Q9 If you attended or viewed a recording of the active learning office hours on Tuesday and/or Friday afternoons, do you have any suggestions on how to improve them?

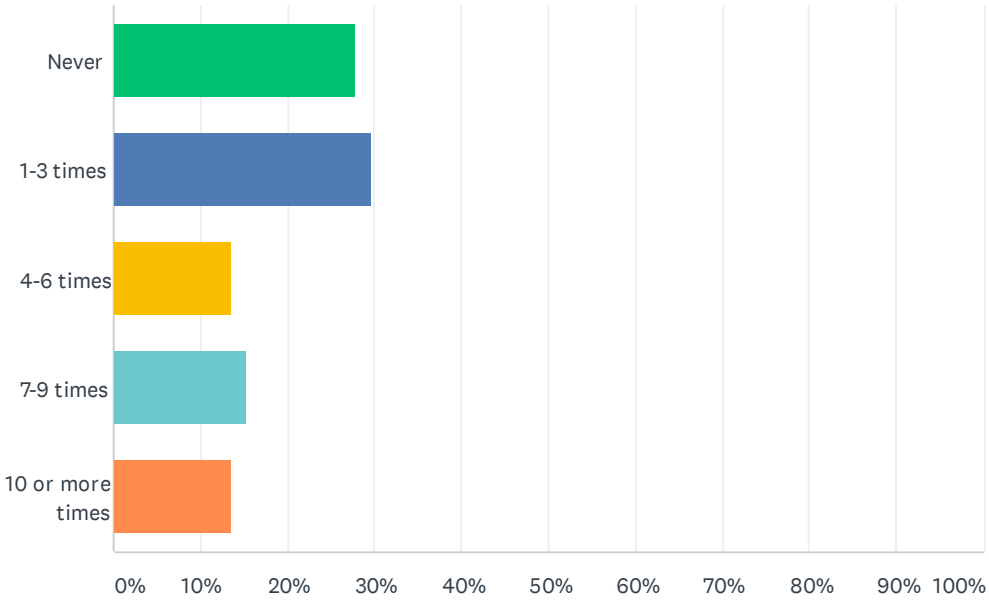
Answered: 32 Skipped: 79

#	RESPONSES	DATE
1	N/A	1/11/2020 11:33 PM
2	have more questions that are similar to the homework	12/24/2019 12:26 PM
3	I think they were great! Sometimes I wish we had more time to get to ask questions about the problems. I also wish they would post all the answers to all the problem solving problems or at least tell us which year the problems came from!	12/22/2019 3:54 PM
4	Posting ahead of time what the information covered is going to be over. Also, possibly doing a quick 10 minute recap of the information covered in that problem session	12/21/2019 5:25 PM
5	no	12/20/2019 4:43 PM
6	Run through more questions and space out instruction rather than give all answers at the end	12/20/2019 1:56 PM
7	More problems	12/20/2019 12:42 PM
8	Have longer sessions-we often ran out of time	12/20/2019 11:18 AM
9	Maybe upload the sheets on Tuesday and then don't give them the answers till Friday so they can work it out to completion	12/20/2019 8:51 AM
10	No	12/19/2019 9:19 PM
11	More direct information.	12/19/2019 9:16 PM
12	Chris is amazing. These helped so much.	12/19/2019 7:19 PM
13	An evening time slot might be helpful. I was unable to attend them because I had class and didn't find the recordings as helpful	12/19/2019 7:05 PM
14	I never attended them but I always completed the practice problems and read the notes posted on the missed the wave when I was confused on a concept which was extremely helpful.	12/19/2019 6:53 PM
15	Ask which questions were most difficult and go over those first to be more time efficient	12/19/2019 6:47 PM
16	N/A	12/19/2019 6:28 PM
17	Go over the answers earlier in the hour for the recorded Friday sessions as dialogue kept getting cut off at the end of the playback	12/19/2019 6:27 PM
18	Nope!	12/19/2019 6:00 PM
19	They were great! Maybe just post the keys to the questions we didn't go over earlier.	12/19/2019 5:47 PM
20	Work more problems together. Too much free time	12/19/2019 5:45 PM
21	My favorite part was learning the insights and relationships between problems. The problems helped, but hearing the core concepts allowed me to remember key relationships.	12/19/2019 5:41 PM
22	Nope! They worked well for me!	12/19/2019 5:39 PM
23	We should go through each problem together instead of all going through a handul of problems at the end	12/19/2019 5:39 PM
24	I think they were great the way they were!	12/19/2019 5:35 PM
25	Record both sessions.	12/19/2019 5:34 PM
26	No- they were great!	12/19/2019 5:33 PM
27	Record both of them because it was very difficult to attend all the officers ehours	12/19/2019 5:32 PM
28	no, they were structured really well. maybe if there were a follow-up explaining the pages we did not review would be helpful.	12/19/2019 5:30 PM
29	Allow more time for questions from students.	12/19/2019 5:30 PM
30	N/A	12/19/2019 5:30 PM
31	It was great help	12/19/2019 5:26 PM

32	Be able to get through explanations of the more difficult questions before ten minutes of the end because of students who have to get to class.	12/19/2019 5:24 PM

Q10 How many times did you attend or view a recording of Dr. Iverson's office hours Wednesday afternoons?

Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	27.93%	31
1-3 times	29.73%	33
4-6 times	13.51%	15
7-9 times	15.32%	17
10 or more times	13.51%	15
TOTAL		111

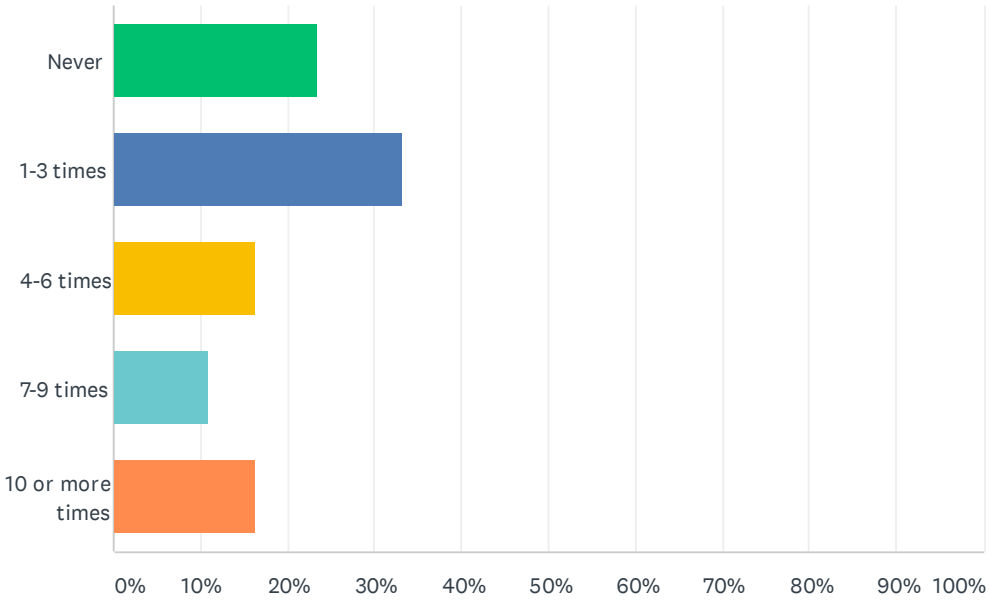
Q11 If you attended viewed a recording of Dr. Iverson's office hours on Wednesday afternoons, do you have any suggestions on how to improve them?

Answered: 21 Skipped: 90

#	RESPONSES	DATE
1	I personally liked when Dr. Iverson had a plan as to what he wanted to cover in office hours and thoroughly explained the concept(s) he wanted to emphasize either for reiteration or for preparation for an upcoming lecture; I like didactic office hours, but understand the importance of having students ask various questions.	1/11/2020 11:33 PM
2	They were phenomenal, I always went even when I wasn't having trouble to make sure I was on top of the wave!	12/29/2019 10:26 AM
3	I think this is something Dr. Iverson might already do, but it would be really nice to go over topics or problems that most students find challenging for that specific unit/topic in addition to having students ask questions. Just something to fill in the gap i suppose.	12/22/2019 3:54 PM
4	no	12/20/2019 4:43 PM
5	No it was perfect	12/20/2019 1:56 PM
6	No	12/20/2019 12:42 PM
7	Not sure-they were great!!	12/20/2019 11:18 AM
8	Cut out stuff that is not directly pertaining to class material.	12/19/2019 10:52 PM
9	No	12/19/2019 9:19 PM
10	These are incredible. Dr. Iverson cares so much about us and his office hours show it clearly.	12/19/2019 7:19 PM
11	N/A	12/19/2019 6:28 PM
12	Have more examples of problems	12/19/2019 6:08 PM
13	I really enjoyed these and it was nice to be able to ask direct questions.	12/19/2019 5:47 PM
14	No	12/19/2019 5:45 PM
15	You do a great job keeping everyone's attention	12/19/2019 5:41 PM
16	Maybe already have a set of problems that you think are the hardest that we can go through together and then be open for questions	12/19/2019 5:39 PM
17	none	12/19/2019 5:30 PM
18	N/A	12/19/2019 5:30 PM
19	Things that get cut off after recording time is finished, maybe you could re-record or repeat it in class or post a notes about it	12/19/2019 5:26 PM
20	Doing harder examples	12/19/2019 5:25 PM
21	N/a	12/19/2019 5:24 PM

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

Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	23.42%	26
1-3 times	33.33%	37
4-6 times	16.22%	18
7-9 times	10.81%	12
10 or more times	16.22%	18
TOTAL		111

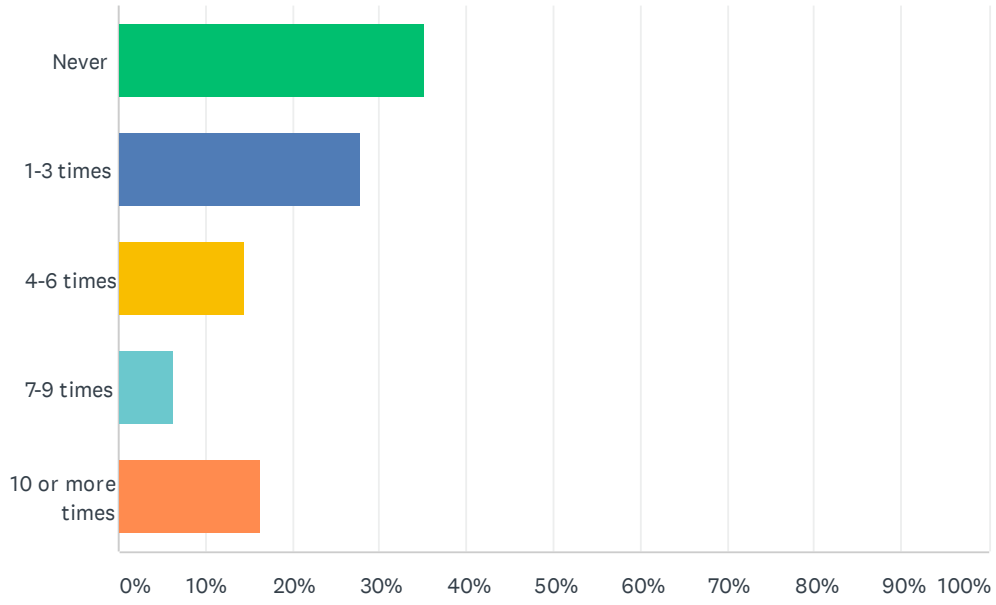
Q13 If you attended or viewed a recording of Chris Wight's "Missed the Wave" office hours on Monday afternoons, do you have any suggestions on how to improve them?

Answered: 24 Skipped: 87

#	RESPONSES	DATE
1	N/A	1/11/2020 11:33 PM
2	His Q and A style provides a great contrast to the class and allows for a much more personal learning style in such a large course.	12/29/2019 10:26 AM
3	Please try to fit the whole lecture into the 2 hour frame. It keeps cutting off in the middle of problems/explanantions.	12/23/2019 8:08 AM
4	I liked that Chris takes his time and really teaches something, but sometimes I wish we could pick up the pace just a bit so we can get more explanations for things we might find tricky. Or having a “polish the surf” or something for those that have caught the wave but need to better understand things.	12/22/2019 3:54 PM
5	I loved these! It would help if we worked out more problems to be able to apply the information immediately after he explains it.	12/21/2019 5:25 PM
6	no	12/20/2019 4:43 PM
7	No perfect	12/20/2019 1:56 PM
8	No	12/20/2019 12:42 PM
9	Nothing they are perfect	12/19/2019 10:52 PM
10	No	12/19/2019 9:19 PM
11	Nope! Chris is amazing and teaches it in such a good and understandable way	12/19/2019 7:19 PM
12	Missed the Wave was in my opinion the best way to solidly the material learned in class the previous week. Chris really helped me out with these recordings	12/19/2019 6:28 PM
13	Go over the most recent material covered in lecture (reexplain concept and drill practice problems), spend less time on a single question/problem, spend less time going over exam answers	12/19/2019 6:27 PM
14	Please try to finish the MTW before the recording is cut off.	12/19/2019 6:07 PM
15	Maybe go a little faster.	12/19/2019 5:47 PM
16	Those were great	12/19/2019 5:46 PM
17	No	12/19/2019 5:45 PM
18	Maybe higher energy since they are longer. I tended to lose focus sometimes	12/19/2019 5:41 PM
19	No complaints here either!	12/19/2019 5:39 PM
20	N/a	12/19/2019 5:35 PM
21	none	12/19/2019 5:30 PM
22	N/A	12/19/2019 5:30 PM
23	It was little slow.	12/19/2019 5:26 PM
24	N/a	12/19/2019 5:24 PM

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

Answered: 111 Skipped: 0



ANSWER CHOICES	RESPONSES	
Never	35.14%	39
1-3 times	27.93%	31
4-6 times	14.41%	16
7-9 times	6.31%	7
10 or more times	16.22%	18
TOTAL		111

Q15 If you logged onto the simulcast virtual office hour broadcasts on Thursday afternoons, do you have any suggestions on how to improve them?

Answered: 22 Skipped: 89

#	RESPONSES	DATE
1	N/A	1/11/2020 11:33 PM
2	I actually attended them live and looked forward to it every week, and they were great!	12/29/2019 10:26 AM
3	I think we could add the most challenging problem/concept of the week so that people can have a “reality” check to see if they’re caught up with the wave or maybe what, specifically, they’re not understanding or they need to work on.	12/22/2019 3:54 PM
4	I loved these! Working through problems was helpful.	12/21/2019 5:25 PM
5	No it was perfect	12/20/2019 1:56 PM
6	No	12/20/2019 12:42 PM
7	Have iverson read the questions bc the TA’s skip over some	12/19/2019 9:48 PM
8	No	12/19/2019 9:19 PM
9	Nope, I think that they are extremely helpful and I love the moment in history.	12/19/2019 8:42 PM
10	Nope! These we’re awesome. Every single office hour/problem solving session was amazingly done.	12/19/2019 7:19 PM
11	Just have more practice problems. Overall very helpful!!	12/19/2019 6:53 PM
12	No I always enjoyed these.	12/19/2019 6:28 PM
13	When using handouts, like NMR spectras, please make them available before virtual office hour starts so students can print them.	12/19/2019 6:07 PM
14	Loved these and it really helped me organize everything I needed to know	12/19/2019 5:47 PM
15	Those were great! I think their format was good.	12/19/2019 5:46 PM
16	-	12/19/2019 5:41 PM
17	N/a	12/19/2019 5:35 PM
18	No- they were great! I especially enjoyed the blend between more lecture and being able to work problems	12/19/2019 5:33 PM
19	none	12/19/2019 5:30 PM
20	Allow more time for questions from students.	12/19/2019 5:30 PM
21	Can the recorder jeopardy theme track, it’s really like nails on a chalkboard	12/19/2019 5:30 PM
22	N/a	12/19/2019 5:24 PM

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

Answered: 88 Skipped: 23

#	RESPONSES	DATE
1	1. Running brings lifelong health benefits 2. Using roadmaps to understand how individual concepts connect 3. Learning how different drugs and compounds work	1/13/2020 8:26 PM
2	1) I developed the practice of studying with intent, assertiveness, and thoughtfulness and was grateful for the immense support of Dr. Iverson and his TAs. 2) I was reminded of the importance of taking care of my physical and mental health with Dr. Iverson's encouragement to run and enjoy a passionate lifestyle. 3) I practiced higher-level thinking by relating a multitude of organic chemistry mechanisms. First, I understood what made each mechanism important/unique.	1/11/2020 11:33 PM
3	Where the electrons were, an understanding of how mechanisms work (I didn't waste my time memorizing them, I just knew if I saw an electron rich and electron poor region what should happen and that saved me TONS of time), and honestly I learned just how exciting O Chem can be!	12/29/2019 10:26 AM
4	how to look at molecules in 3D, how to recognize similar properties of functional groups, and how to identify a nucleophile	12/24/2019 12:26 PM
5	Where the electrons are, the importance of fitness, and how to take a complex end product and derive it from a basic origin.	12/23/2019 3:48 PM
6	1. I hate Chemistry 2. I'm surprisingly good at chemistry 3. I'm not good enough at chemistry	12/23/2019 8:08 AM
7	Being healthy by running, basic knowledge before mechanisms/synthesis, working backwards	12/23/2019 7:06 AM
8	Applications of organic chemistry in so many other fields and integrating it into my education in everyday life, how understanding of concepts can be applied to solve complex problems, how important 3D structure is	12/22/2019 9:48 PM
9	How toothpaste works, why the amide bond is special, and how molecules work based on the location of the electrons and not so much the shape/geometry of the molecule.	12/22/2019 3:54 PM
10	1. How to problem solve 2. How to study actively 3. LOVING SCIENCE	12/22/2019 2:06 PM
11	1) Where are the electrons 2) Staying on top of the material and practicing applying what is learned in class is the key to success. 3) Running is important!	12/21/2019 5:25 PM
12	1. practice, practice, practice! things aren't going to make sense the first time you see them or even the fifth, but if you put in the time to understand why an answer is correct, eventually it will click 2. molecules of the day 3. treat synthesis problems like puzzles	12/20/2019 4:43 PM
13	Work ethic with ochem (catching the wave).	12/20/2019 2:23 PM
14	Where are the electrons How to study for a class effectively What it means to really be passionate about what you do for a career	12/20/2019 1:56 PM
15	Learning how to look at a compound and understand it's "personality", learning how to effectively work backwards in a complex problem, learning how to study effectively	12/20/2019 12:42 PM
16	Nuclear magnetic resonance, how bonds are made due to electron density, identifying the "personalities" of molecules and why they interact with other personalities	12/20/2019 11:59 AM
17	Where are the electrons? Problem solving skills in synthesis How to study a little bit at a time	12/20/2019 11:18 AM
18	1. The way nucleophiles/ electrophiles behave given a reaction mech / synthesis question 2. Critical thinking abilities that allowed me to understand how a given complex molecule would behave in presence of familiar reagents 3. My health is my duty.	12/20/2019 10:33 AM
19	Synthesis, MRI, and Racemic Mixtures	12/20/2019 8:51 AM
20	Ochem is a useless subject for my future.	12/19/2019 11:55 PM
21	critical thinking versus memorization makes the material simpler, supplemental material and all resources are important to acknowledge in order to not fall behind, health is top priority and making it a priority will help other aspects of life including this class more enjoyable and manageable.	12/19/2019 11:22 PM
22	Roadmap reactions, continue to pursue my running, pi bonds	12/19/2019 10:52 PM

23	I suck at chemistry I should attend class more I should not have come to UT	12/19/2019 9:48 PM
24	1. The most important question in Organic Chemistry: Where are the electrons? 2. Take an active part in your own learning by using the many resources that are given to you, such as the office hours, problem solving sessions, online videos, and other resources on the class website. 3. Don't be shy! Find someone you can sit next to in class and exchange information. Working with others is a great way to study. You may find that someone understands something that you struggle with, and you understand something someone else struggles with. Helping each other out is much better than working by yourself.	12/19/2019 9:43 PM
25	1. OChem takes a lot of work 2. To follow Dr. Iverson's advice 3. To pay attention in class and to put effort in to the HWs	12/19/2019 9:19 PM
26	That I'm horrible at attending class	12/19/2019 9:16 PM
27	1. Where are the electrons? 2. Delocalization of charge contributes to greater stability 3. MRI follows the same principles of NMR, namely the flipping of nuclear spins of H atoms.	12/19/2019 8:50 PM
28	1. You'll eventually catch the wave if you do enough prep work/training throughout. Happy to say that I did. Finished with a 95. 2. Always work backwards in synthesis. 3. MRI principles	12/19/2019 8:42 PM
29	Where are the electrons ANTIPERIPLANAR Synthesis requires mental mapping	12/19/2019 7:24 PM
30	How to work mechanisms. How to learn very complex material easily. How to work backwards from a product and think about concepts in science from a different perspective.	12/19/2019 7:19 PM
31	One of the most important things I learned this semester is that organic chemistry is achievable! I was so excited when I "caught the wave" in this class. I was dreading taking it due to it's reputation but Dr. Iverson does everything he can to help you succeed if you are willing to put in the work. I am also thankful Dr. Iverson took the time to apply what we were learning to every day situations. From learning how a cavity is formed to how an MRI works, I will take a lot of what I learned in this class into the future.	12/19/2019 7:05 PM
32	- running is important - catching the wave is needed - mechanisms will be useful next semester	12/19/2019 6:55 PM
33	Running to stay healthy How to pace yourself when studying How to study for ungodly amounts of hours	12/19/2019 6:54 PM
34	How to think backwards. The importance of running (I have started to run every week!). Connections between different reactions.	12/19/2019 6:53 PM
35	Retro synthetic analysis I'm smarter than I thought I was The benefits of running concerning tumor and cancer suppression	12/19/2019 6:47 PM
36	1)delocalization of charge and electrons is stabilizing (specifically the pi way), 2) stereochemistry and regiochemistry such as Markovinikov and anti/syn/mixed addition, 3) mechanism intuition such as when one of the four steps of a mechanism would be used	12/19/2019 6:28 PM
37	Mechanisms, how MRIs work, and where the electrons are :))	12/19/2019 6:27 PM
38	Mechanisms make sense with a clear understanding of the electron movement. Practice truly does make perfect. Read the textbook!!!	12/19/2019 6:27 PM
39	Applications of organic chemistry in the real world, learning how to study smarter, organic synthesis	12/19/2019 6:25 PM
40	How to think critically, how an MRI works, and running/exercise is extremely important!	12/19/2019 6:22 PM
41	1. Where are the electrons? 2. Pharmaceuticals are created based on organic chemistry concepts based on where the electrons are. 3. MRIs may be the most useful thing in organic chemistry to know and they're based on where the electrons are.	12/19/2019 6:08 PM
42	1. The importance of knowing the roadmap really well 2. How MRI works & how toothpasts works 3. Motivation for running!	12/19/2019 6:08 PM
43	Where are the electrons?, amide bonds, how does an MRI work	12/19/2019 6:07 PM
44	1. Working hard is the key 2. You make life harder if you get behind 3. There is more than enough resources in the class to get your desired grade	12/19/2019 6:04 PM

45	1. How to pay attention in class and learn ahead of time 2. How to LEARN and NOT MEMORIZE 3. Dr. Iverson is a compassionate man and running and staying healthy is important	12/19/2019 6:01 PM
46	How too much heroin makes people stop breathing and that there is a drug that save people's lives who overdose Fitness habits are important to get into while I am young Organic chemistry is relevant to almost anything	12/19/2019 6:01 PM
47	1. The most important thing in chemistry are where the electrons are, as they determine the nature of a reaction. 2. Many organic molecules remain stable through resonance structures where charge is spread over multiple atoms 3. Synthesis allows us to produce a multitude of organic compounds using certain reactions, and the products of those reactions have similar, predictable characteristics regardless of the size of the molecule.	12/19/2019 6:00 PM
48	Intuition, roadmaps, and physical health	12/19/2019 6:00 PM
49	Critical thinking Ochem can be fun Running can do wonders for your body	12/19/2019 5:55 PM
50	Critical thinking, exercise, how to study	12/19/2019 5:54 PM
51	1. Running is important for your health! 2. Truly learning the mechanisms, rather than simply memorizing them, will provide you with a greater understanding of organic chemistry. 3. Where are the electrons?	12/19/2019 5:51 PM
52	1. Don't memorize 2. Your health is important, and running or doing any other exercise will keep you healthy! 3. How MRI works	12/19/2019 5:51 PM
53	The relationship between molecules is almost entirely reliant on the location of electron density.	12/19/2019 5:50 PM
54	1. Reaction mechanisms. 2. How the concepts we learned play into our lives like with the explanations of toothpaste, Benadryl, etc. 3. Motivation to run.	12/19/2019 5:48 PM
55	Critical thinking of chemical reactions (where are the electrons), good studying habits, and chemical stability(pi ways) and run !	12/19/2019 5:47 PM
56	How to recognize how reactions react Problem solve through synthesis Understand the importance of Chirality	12/19/2019 5:47 PM
57	How to study! This was the most important lesson I learned from this class and I've applied it to all my classes this semester and gotten all As. Taking an active learning and doing more than expected to keep up with the material and level of understanding that's required. Random facts like how toothpaste works etc. that I will definitely carry with me	12/19/2019 5:46 PM
58	MRI and how it works. Understanding the role of electron density in reactions. Understanding how large molecules and their functional groups work.	12/19/2019 5:46 PM
59	How to synthesize How to draw molecules How to interpret molecule names (I am an engineer)	12/19/2019 5:45 PM
60	I learned where the electrons are. I learned about synthesis problems and working backwards from a product to find the steps used to synthesize that product from a starting material. Learning about the structures, shape, and behavior of molecules in 3D space was very insightful!!!	12/19/2019 5:42 PM
61	1) Learned how to study better and manage my time. I truly cared about the subject and having a professor sympathize with us made everyone feel less stressed. 2) Although I am terrible at being consistent, I learned the importance of physical and mental health and how running can help with this. 3) I enjoy synthesis problems and learning the backbones of it through the roadmap was essential to gain knowledge.	12/19/2019 5:41 PM
62	I learned how to evaluate a molecule 3-dimensionally, how to synthesize a product from reactants, and how principles of ochem apply to the real world	12/19/2019 5:39 PM
63	I learned that with hard work and practice, you can achieve anything, to be diligent in going to office hours, and where the electrons are	12/19/2019 5:39 PM
64	Visualizing molecules in three dimensions Mechanisms and Synthesis Running is a big deal	12/19/2019 5:38 PM
65	Surprisingly, mechanism can be overwhelming and challenging. I did learn though that alcohols are horrendous leaving groups and you have to make them one, I learned different ways in	12/19/2019 5:37 PM

	which I can apply methods of learning, and how useful the roadmap is (please, emphasize to your future students how important this tool is)	
66	1.) how to study effectively 2.) how to think through synthesis 3.) how to make connections through different depths of the course	12/19/2019 5:35 PM
67	1) organic chemistry is really cool! 2) understanding is better than memorization 3) critical thinking is a transferrable skill!	12/19/2019 5:34 PM
68	1. How an MRI scan works 2. How toothpaste works 3. How some antibiotics work	12/19/2019 5:33 PM
69	Synthesis, how to study,	12/19/2019 5:33 PM
70	Running, synthesis, understand	12/19/2019 5:32 PM
71	1) the critical thinking skills of synthesis 2) the discipline of staying active 3) the chemistry behind narcan!	12/19/2019 5:30 PM
72	Understanding is more effective than memorizing. The most important question is where the electrons are. Organic chemistry applies to real life like medications, toothpaste, and MRI.	12/19/2019 5:30 PM
73	Where are the electrons! How to work backwards How to apply “simple” mechanisms to more complex molecules	12/19/2019 5:30 PM
74	How to deduce reactivity by thinking about where electrons are, how to analyze 3-dimensional molecular structures, how to build complex molecules from simple starting materials.	12/19/2019 5:30 PM
75	How to effectively study and actually learn the material. Organization and good srudy habits	12/19/2019 5:29 PM
76	How complicated molecules function in the body How an MRI works How amides function	12/19/2019 5:28 PM
77	How to learn and not just memorize, how to make learning relevant to health progressions, staying healthy	12/19/2019 5:28 PM
78	Thinking differently Synthesis approach And effective way to use road map for synthesis Understand how important it is to know the mechanism	12/19/2019 5:26 PM
79	-synthesis -mechanisms -applying what I know in different ways	12/19/2019 5:25 PM
80	Running is important Add a proton, remove a proton, make a bond, break a bond	12/19/2019 5:25 PM
81	Synthesis, how toothpaste works, and how MRIs work.	12/19/2019 5:24 PM
82	where are the electrons, have confidence, and don’t procrastinate	12/19/2019 5:24 PM
83	1. Be patient and work through problems relentlessly 2. The roadmap can help some but for me it made more sense to look at the over all reaction to predict how things reacted 3. Stay fit	12/19/2019 5:23 PM
84	How to use problem solving techniques and apply them to Different but similar problems	12/19/2019 5:22 PM
85	i learned where the electrons were. i learned how an MRI works which is useful. i learned the basics of how reactions work which i’m sure will help me in other classes.	12/19/2019 5:22 PM
86	-Running and staying fit -Simplifying hard concepts to general ideas like where are the electrons -critical thinking	12/19/2019 5:22 PM
87	A difficult course can be made simple with a great professor and teaching assistants. Chemistry is a diverse field. Organic chemistry is one of my favorite classes.	12/19/2019 5:21 PM
88	Keep up with the material as you go, make use of all the resources, practice practice practice	12/19/2019 5:20 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: 50 Skipped: 61

#	RESPONSES	DATE
1	I spent lots of time looking through the Rules of the Day and the mechanisms sheet from the class website. Along with making a roadmap, I practiced listing and characterizing all the reactions.	1/13/2020 8:26 PM
2	Not so much. I would, however, like to emphasize the importance of asking questions to future students. The course was designed in a way that provided me many opportunities to ask specific questions with concepts we learned as we learned them so that later in the course, I was comfortable building on the knowledge I had accumulated. Being proactive was key!	1/11/2020 11:33 PM
3	Office hours, missed the waves, simulcasts, and your other resources. Also ALWAYS take notes and write/draw along in lectures, that one is crucial.	12/29/2019 10:26 AM
4	take notes on the mechanism sheets to help understand how they work and the individual components	12/24/2019 12:26 PM
5	Working with people who ask a lot of questions (especially if you are a solo worker) can be beneficial. In the moment, it might feel bothersome but I've learned you know what you know and you figure out what you don't know when you have to explain something to someone who doesn't understand.	12/22/2019 3:54 PM
6	The rules of the day were very helpful for me to make sure I was keeping up.	12/21/2019 5:25 PM
7	use the tests from past years!! the format will be similar	12/20/2019 4:43 PM
8	The note taking technique Dr. Iverson mentioned in his office hours of summing up the info learned every week on blank sheets of paper	12/20/2019 12:42 PM
9	Nope- just active problem solving session especially helped	12/20/2019 11:18 AM
10	I heard a lot of students wishing there were more tests that were current, but redoing the tests over and over even if I knew the answers to make sure I knew HOW and why I got the questions wrong the first time helped a lot.	12/20/2019 10:33 AM
11	Practice makes perfect in Ochem! Remembering all of the information necessary to solve problems can be difficult, but it only gets easier the more practice you have. You learn more than you think going through old tests and assignments!	12/19/2019 11:36 PM
12	Focus on what helps. Don't waste time on resources that don't help me!	12/19/2019 10:52 PM
13	No	12/19/2019 9:19 PM
14	Go to class	12/19/2019 9:16 PM
15	Working with others and discussing the theory behind mechanisms can promote deeper understanding of material.	12/19/2019 8:50 PM
16	Hand write/ copy down all relevant rules of the day before each midterm. Though it seems like a lot of material, it won't seem like too much if you start studying at least a week earlier and break it up into smaller chunks.	12/19/2019 8:42 PM
17	Looking at the old exams helped.	12/19/2019 7:36 PM
18	I made sheets of paper that summarized each unit and studied those very hard as opposed to flipping through my long lecture notes.	12/19/2019 7:19 PM
19	I found making an outline of the rules of the day prior to each exam very helpful. I would add pieces of lecture / notes from office hours as needed. This was very helpful when the final exam came around - I wasn't as overwhelmed by all the material. This probably goes without saying, but truly the best way to succeed in this class is practice, practice, and more practice! If you take advantage of the resources Dr. Iverson provides you with - you can be successful in organic chemistry.	12/19/2019 7:05 PM
20	Take advantage of the fact that everything is recorded, but do not use that as an excuse not to go to things in person	12/19/2019 6:47 PM
21	N/A	12/19/2019 6:28 PM
22	The reaction summary sheets were VERY helpful documents when I had a misunderstanding about a certain mechanism	12/19/2019 6:27 PM

23	study groups!!! study/do hw on your own and then get together with others to clear up confusion, as i often didn't realize there were things i didn't understand until i talked with others.	12/19/2019 6:25 PM
24	I rewatched nearly all the lectures to prepare for the final and paid careful attention to the material I was still confused on. I also redid each mechanism sheet several times and made sure I *understood* why each step happened.	12/19/2019 6:22 PM
25	There's a YouTube channel called Organic Chemistry Tutor that helps give a different perspective on Ochem concepts.	12/19/2019 6:08 PM
26	Youtube videos from the channel "Leah4Sci" were helpful when a concept wasn't clear, highly recommend the videos on assigning R & S configuration under different scenarios	12/19/2019 6:07 PM
27	Have a good support/study group	12/19/2019 6:01 PM
28	Nothing major. All of the major concepts were covered so when I met with my tutors it was just about different ways of thinking of problems.	12/19/2019 6:00 PM
29	Closed my eyes and imagined each reaction in my mind. Mapped out roadmap spatially using imagination. Watch "Memory" episode of "The Mind, Explained".	12/19/2019 6:00 PM
30	Nope	12/19/2019 5:55 PM
31	Stay on top of your studying and do not cram before the midterms or final. Watch all of the supplemental videos/office hours and utilize all of the resources that are provided. Print out and complete the practice problems and mechanism sheets!	12/19/2019 5:51 PM
32	I made Quizlets for myself that included terms and concepts. I didn't make one for the various mechanisms, but I'm sure that'd be a good idea too.	12/19/2019 5:48 PM
33	N/A	12/19/2019 5:47 PM
34	rereading my notes. And going over the explanations from online office hours helped me keep pace and stay ready for lectures.	12/19/2019 5:46 PM
35	No	12/19/2019 5:45 PM
36	Don't be afraid to use resources found from outside of this class to master the material. Khan Academy was a useful resources, as well as some online documents I found from UCLA that covers organic chemistry.	12/19/2019 5:42 PM
37	I think it's important to take breaks and understand that it's okay to get behind a little bit as long as you are willing to catchup later on. Around 3rd exam time, I did not study for the test because of poor performance in other classes and having to reprioritize during this week. Although I got behind, trusting your timeline on learning the roadmap and the using the proper resources I was able to recover without ever feeling overwhelmed.	12/19/2019 5:41 PM
38	I mainly went over the previous years' exams and went through the review. I made sure to cover lapses in my understanding of the material (i.e. how stereochemistry might become tricky for some molecules)	12/19/2019 5:39 PM
39	I had access to shabbir and samoylenko's exams through friends, and I felt that they gave me multiple perspectives to learn from, and more chances to comprehend the information- the more practice the better.	12/19/2019 5:38 PM
40	N/a	12/19/2019 5:35 PM
41	I went back and read the assigned readings again after lectures and took notes on areas we focused on in lecture.	12/19/2019 5:34 PM
42	writing down each mechanism, making study guides, doing all the practice problems you can	12/19/2019 5:34 PM
43	Reworking mechanism sheets over and over again really helped me!	12/19/2019 5:33 PM
44	none	12/19/2019 5:30 PM
45	Not really.	12/19/2019 5:30 PM
46	Got a handle on the roadmap as soon as possible. Religiously did practice tests and closely checked answers, routinely filled in blank mechanism sheets	12/19/2019 5:30 PM

47	Doing the mechanisms sheets over and over again, it helps you not only understand the mechanism itself but how the reaction really works and why it reacts the way it does	12/19/2019 5:28 PM
48	I think hard questions on the midterm should be explained through the video recordings as you did one for final 2018	12/19/2019 5:26 PM
49	N/a	12/19/2019 5:24 PM
50	no	12/19/2019 5:22 PM

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

Answered: 53 Skipped: 58

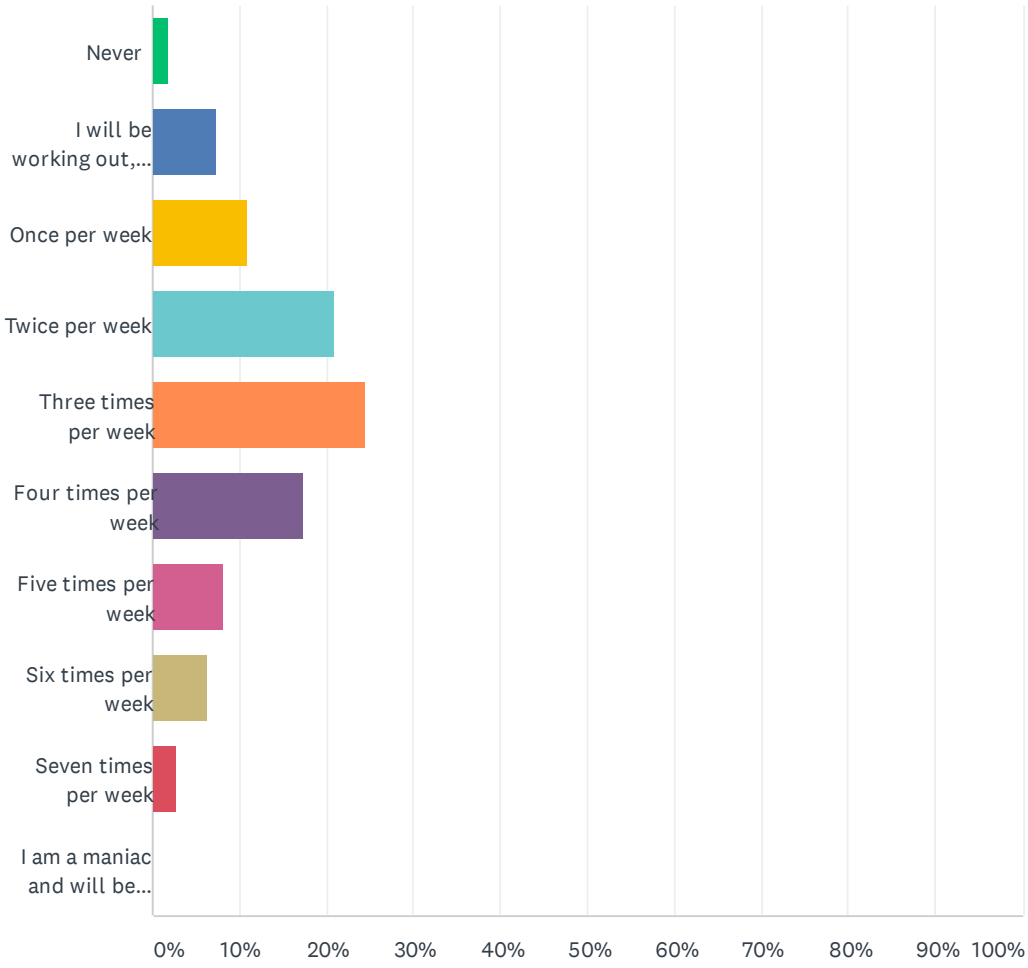
#	RESPONSES	DATE
1	The only thing that I would suggest is to add new mechanisms to a roadmap each time a new mechanism is covered.	1/11/2020 11:33 PM
2	My responses probably weren't very helpful fo I have to apologize but the course was so well ironed out I don't know what I'd complain about! Amazing professor, amazing TAs, and all around an amazing/engaging class!	12/29/2019 10:26 AM
3	Keep on being awesome :)	12/23/2019 3:48 PM
4	More practice on epoxied and ether reactions - I felt like they were only shown in class and not much attention was paid to them.	12/23/2019 7:06 AM
5	I liked everything but maybe stating what the TA's will expect when they grade the homeworks or exams would be beneficial. I always did everything based off of what Dr. Iverson did and when I had it marked incorrectly, it would confuse me. I understand the reasoning behind the way the class is ran but that's one thing I would change.	12/22/2019 3:54 PM
6	none :)	12/20/2019 4:43 PM
7	Stay just the way you are Dr. Iverson, you are wonderful	12/20/2019 1:56 PM
8	The transition from writing mechanisms as we go in class to having them already written was a step backwards in my opinion, I learned the mechanism much better when we worked through them together like in the beginning of the semester.	12/20/2019 12:42 PM
9	Not take so many points off for very specific mistakes	12/20/2019 11:18 AM
10	Lecture at time was not to the point so maybe a recap of what the main points you wanted to get out of lecture would be helpful	12/20/2019 11:13 AM
11	Make it much easier and have reasonable expectations for your students	12/19/2019 11:55 PM
12	Cut back on resources or make more specific recommendations. It is overwhelming. As an engineering major, I didn't have time in my schedule to do everything that was available, and it made me feel behind.	12/19/2019 10:52 PM
13	This class was AMAZING! The best class I've taken!	12/19/2019 9:43 PM
14	I did not get very much out of the online quizzes, but other than that I found all of the other resources very helpful and the teaching team was nearly always there to help.	12/19/2019 9:19 PM
15	It's perfect	12/19/2019 9:16 PM
16	Figuring out a better way to display the notes on the classroom screens. Otherwise everything is perfect.	12/19/2019 8:50 PM
17	Maybe post the course packet online instead of handing out the printed copies. But other than that there's really nothing that I can think of.(:	12/19/2019 8:42 PM
18	Just keep doing what you are doing!	12/19/2019 7:36 PM
19	Dr. Iverson is the best professor I've ever had and I love that dude. Why can't more professors be like him? His class is perfect and entertaining and he really makes it fun to learn one of the hardest subjects.	12/19/2019 7:19 PM
20	Not make the final 40% of the grade	12/19/2019 6:55 PM
21	More examples in class of reactions/synthesis	12/19/2019 6:54 PM
22	This was honestly one of the best classes I've taken in my life.	12/19/2019 6:53 PM
23	Dr. Iverson, you are an amazing person and you have inspired me in so many ways. I aspire to have an affect on people the way you have had on me. The way you taught this class and all of the resources you provided allowed me to enjoy ochem and it became my favorite class.	12/19/2019 6:28 PM
24	Keep lecture within the hour (cuts off sometimes in the recordings)	12/19/2019 6:27 PM
25	It's great as is! Maybe increase the number of problems on the homework's?	12/19/2019 6:08 PM
26	Consider doing things like 'Molecules of the Day' near the end of the class rather than in the	12/19/2019 6:07 PM

	middle so it's not rushed when new material is being taught near the end of class	
27	Video recordings of everything helped me tremendously. Thankful for those.	12/19/2019 6:04 PM
28	It would be helpful if the TAs had a normal office hour session too, especially before the final. It would be helpful if the Rules if the Day were all in one place once we covered them (like what was done for the filled in mechanisms after we went over them).	12/19/2019 6:01 PM
29	If possible, make another homework over synthesis, preferably with synthesis involving the Chapter 10 reactions. While I could learn the reaction mechanisms, I had trouble understanding how they fit into the synthesis wave.	12/19/2019 6:00 PM
30	This class was amazing I can’t think of anything you literally did everything you’re an awesome professor.	12/19/2019 6:00 PM
31	Keep doing what you're doing! The class is incredible!	12/19/2019 5:55 PM
32	No electronic quizzes	12/19/2019 5:51 PM
33	Iverson’s a perfect professor!	12/19/2019 5:48 PM
34	Make makeup exams	12/19/2019 5:47 PM
35	Maybe doing an example problem in class would be helpful as the concepts make sense in class and are easy to understand but learning how to apply the concepts to the problems can be a bit difficult at first. However, the problem solving sessions are good ways to do this so it's not really an issue if students take their own initiative to understand the class.	12/19/2019 5:46 PM
36	Loved the class!!	12/19/2019 5:45 PM
37	I think that Dr. Iverson should include a segment that reviews the conceptual stuff that will be tested before the midterms.	12/19/2019 5:42 PM
38	I think if you included piece-wise segments of the empty roadmap within the packet given at the beginning of the year, it would allow clarity throughout learning mechanisms. For example, after learning The first 3 mechanisms, have a roadmap with all types of molecules and fill in the arrows with students in lecture. Then the next lecture, have another roadmap print out with extra products and have students fill out every reaction. Slowly building the roadmap as you go by repeatedly adding the older reactions and adding the new ones after each lecture. Anything to make the learning of the roadmap through the semester more fluid, whether it is completing it every 10 minutes before a lecture or adding it to homeworks.	12/19/2019 5:41 PM
39	I think you've already progressed towards making the class essentially "perfect" by doing the video explanations of last year's final; I used your videos to explain problems I got stuck on, and it helped me *monumentally*	12/19/2019 5:39 PM
40	Referring to number 17, more practice exams and homework please. And spend more time on meso compounds, and on Sn2 and Sn1.	12/19/2019 5:38 PM
41	You are amazing! I believe you are doing the best you can.	12/19/2019 5:37 PM
42	N/a	12/19/2019 5:35 PM
43	the textbook wasn't that helpful to me as it was a little too in depth, but i love stuff like the active problem solving hours as those really help me	12/19/2019 5:34 PM
44	It was a great class!	12/19/2019 5:33 PM
45	none	12/19/2019 5:30 PM
46	Maybe this class should include reaction simulations online as a resource for learning and practice.	12/19/2019 5:30 PM
47	Don’t change anything! Class has amazing resources, and lectures.	12/19/2019 5:29 PM
48	Structured exam reviews	12/19/2019 5:28 PM
49	You have enough resources on website I loved mechanism study sheet it was very helpful;I wish I had seen it before.	12/19/2019 5:26 PM
50	In class it would have been nice to go over harder examples.	12/19/2019 5:25 PM

51	N/a	12/19/2019 5:24 PM
52	none, it was great!!!	12/19/2019 5:22 PM
53	More practice problems would be really helpful. While we did have a lot I felt like I learned the best with the practice problems	12/19/2019 5:20 PM

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

Answered: 110 Skipped: 1



ANSWER CHOICES	RESPONSES	
Never	1.82%	2
I will be working out, but less than once per week on average	7.27%	8
Once per week	10.91%	12
Twice per week	20.91%	23
Three times per week	24.55%	27
Four times per week	17.27%	19
Five times per week	8.18%	9
Six times per week	6.36%	7
Seven times per week	2.73%	3
I am a maniac and will be working out more than seven times per week	0.00%	0
TOTAL		110