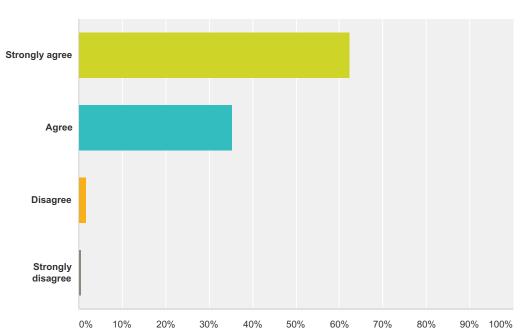
#### Q1 I feel as though I caught the Organic Chemistry Wave

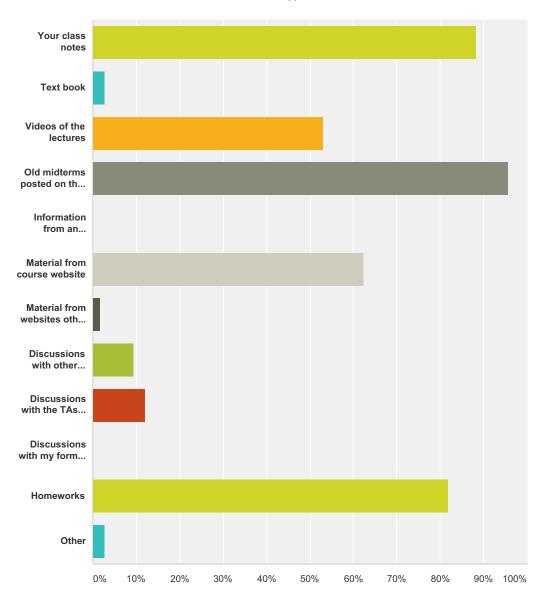




| Answer Choices    | Responses |     |
|-------------------|-----------|-----|
| Strongly agree    | 62.43%    | 113 |
| Agree             | 35.36%    | 64  |
| Disagree          | 1.66%     | 3   |
| Strongly disagree | 0.55%     | 1   |
| Total             |           | 181 |

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

Answered: 181 Skipped: 0



| swer Choices  | Responses |     |
|---|-----------|-----|
| Your class notes                                    | 88.40%    | 160 |
| Text book   | 2.76%     | 5   |
| Videos of the lectures                              | 53.04%    | 96  |
| Old midterms posted on the course website           | 95.58%    | 173 |
| Information from an unofficial course Facebook page | 0.00%     | 0   |
| Material from course website                        | 62.43%    | 113 |

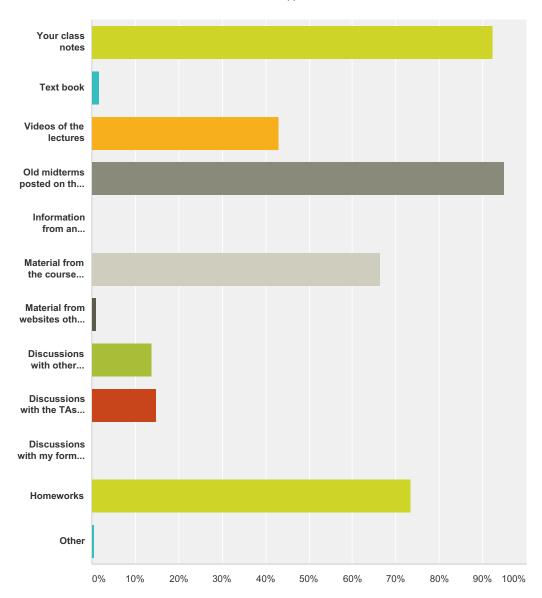
#### Iverson Spring 2017 CH 320N Student Survey

#### SurveyMonkey

| Material from websites other than the course website | 1.66%  | 3   |
|--|--------|-----|
| Discussions with other students                      | 9.39%  | 17  |
| Discussions with the TAs or the professor            | 12.15% | 22  |
| Discussions with my former students                  | 0.00%  | 0   |
| Homeworks  | 81.77% | 148 |
| Other  | 2.76%  | 5   |
| otal Respondents: 181                                |        |     |

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





| swer Choices   | Responses |     |
|--|-----------|-----|
| Your class notes                                     | 92.27%    | 167 |
| Text book  | 1.66%     | 3   |
| Videos of the lectures                               | 43.09%    | 78  |
| Old midterms posted on the course website            | 95.03%    | 172 |
| Information from an unofficial course Facebook page  | 0.00%     | 0   |
| Material from the course website                     | 66.30%    | 120 |
| Material from websites other than the course website | 1.10%     | 2   |

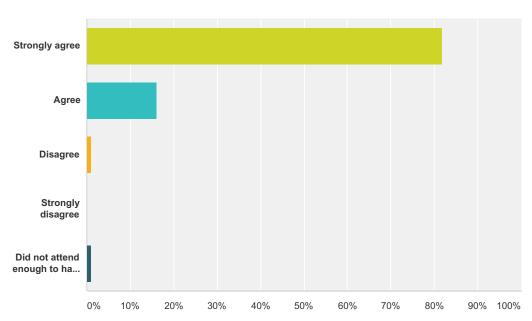
#### Iverson Spring 2017 CH 320N Student Survey

#### SurveyMonkey

| Discussions with other students           | 13.81% | 25  |
|---|--------|-----|
| Discussions with the TAs or the professor | 14.92% | 27  |
| Discussions with my former students       | 0.00%  | 0   |
| Homeworks                                 | 73.48% | 133 |
| Other                                     | 0.55%  | 1   |
| Total Respondents: 181                    |        |     |

#### Q4 Attending lecture was helpful

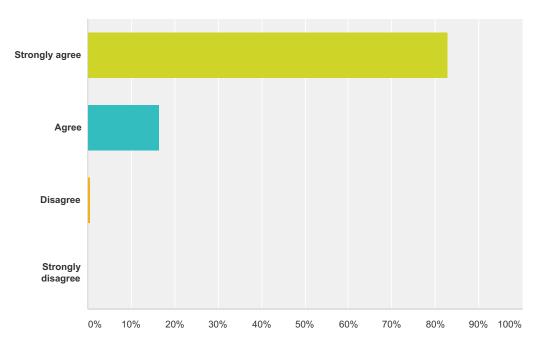




| Answer Choices                           | Responses |     |
|--|-----------|-----|
| Strongly agree                           | 81.77%    | 148 |
| Agree                                    | 16.02%    | 29  |
| Disagree                                 | 1.10%     | 2   |
| Strongly disagree                        | 0.00%     | 0   |
| Did not attend enough to have an opinion | 1.10%     | 2   |
| Total                                    |           | 181 |

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

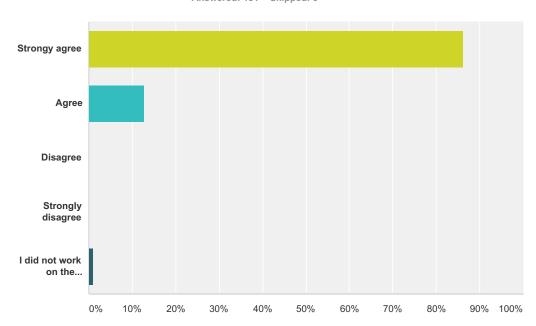




| Answer Choices    | Responses |     |
|-------------------|-----------|-----|
| Strongly agree    | 82.87%    | 150 |
| Agree             | 16.57%    | 30  |
| Disagree          | 0.55%     | 1   |
| Strongly disagree | 0.00%     | 0   |
| Total             |           | 181 |

#### Q6 The homeworks were helpful

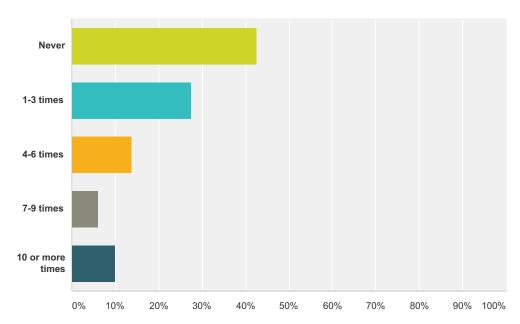




| Answer Choices  | Responses |     |
|---|-----------|-----|
| Strongy agree   | 86.19%    | 156 |
| Agree   | 12.71%    | 23  |
| Disagree  | 0.00%     | 0   |
| Strongly disagree   | 0.00%     | 0   |
| I did not work on the homeworks enough to have an opinion | 1.10%     | 2   |
| Total   |           | 181 |

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

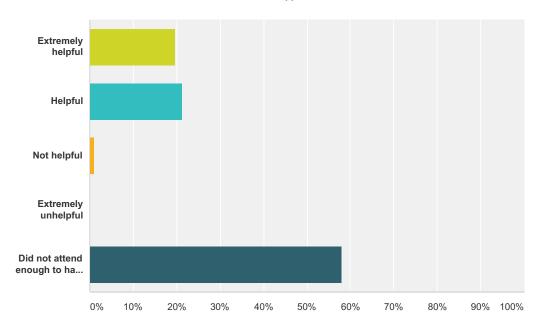




| Answer Choices   | Responses |     |
|------------------|-----------|-----|
| Never            | 42.54%    | 77  |
| 1-3 times        | 27.62%    | 50  |
| 4-6 times        | 13.81%    | 25  |
| 7-9 times        | 6.08%     | 11  |
| 10 or more times | 9.94%     | 18  |
| Total            |           | 181 |

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

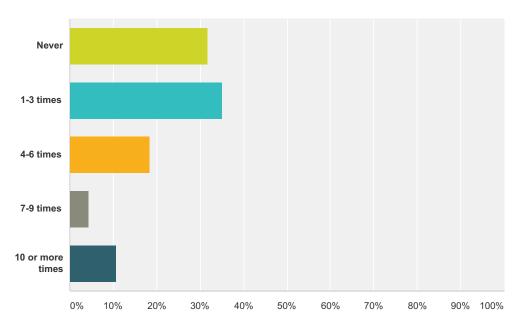
Answered: 179 Skipped: 2



| Answer Choices                           | Responses |     |
|--|-----------|-----|
| Extremely helpful                        | 19.55%    | 35  |
| Helpful                                  | 21.23%    | 38  |
| Not helpful                              | 1.12%     | 2   |
| Extremely unhelpful                      | 0.00%     | 0   |
| Did not attend enough to have an opinion | 58.10%    | 104 |
| Total                                    |           | 179 |

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

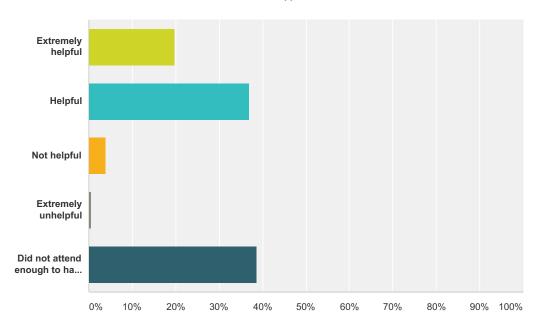
Answered: 180 Skipped: 1



| Answer Choices   | Responses         |
|------------------|-------------------|
| Never            | <b>31.67%</b> 57  |
| 1-3 times        | <b>35.00%</b> 63  |
| 4-6 times        | <b>18.33</b> % 33 |
| 7-9 times        | 4.44% 8           |
| 10 or more times | <b>10.56%</b> 19  |
| Total            | 180               |

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

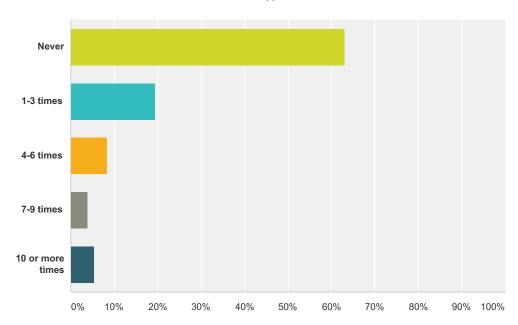
Answered: 176 Skipped: 5



| Answer Choices                           | Responses |     |
|--|-----------|-----|
| Extremely helpful                        | 19.89%    | 35  |
| Helpful                                  | 36.93%    | 65  |
| Not helpful                              | 3.98%     | 7   |
| Extremely unhelpful                      | 0.57%     | 1   |
| Did not attend enough to have an opinion | 38.64%    | 68  |
| Total                                    |           | 176 |

#### Q11 How many times did you attend TA Chris Wight's "Missed the Wave" office hours Monday afternoons?

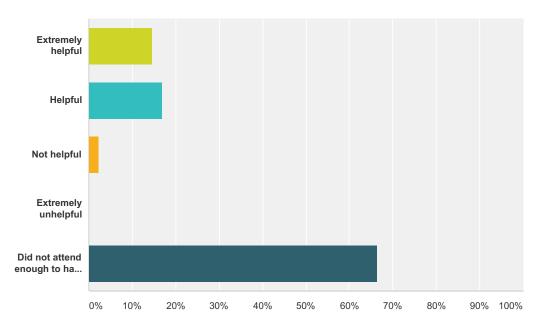




| Answer Choices   | Responses |     |
|------------------|-----------|-----|
| Never            | 62.98%    | 114 |
| 1-3 times        | 19.34%    | 35  |
| 4-6 times        | 8.29%     | 15  |
| 7-9 times        | 3.87%     | 7   |
| 10 or more times | 5.52%     | 10  |
| Total            |           | 181 |

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

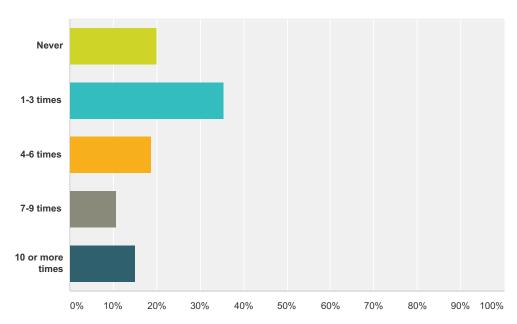
Answered: 178 Skipped: 3



| Answer Choices                           | Responses |     |
|--|-----------|-----|
| Extremely helpful                        | 14.61%    | 26  |
| Helpful                                  | 16.85%    | 30  |
| Not helpful                              | 2.25%     | 4   |
| Extremely unhelpful                      | 0.00%     | 0   |
| Did not attend enough to have an opinion | 66.29%    | 118 |
| Total                                    |           | 178 |

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

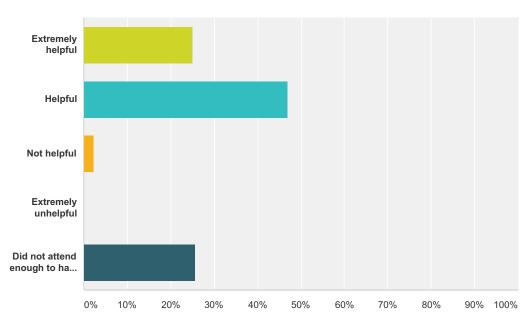




| Answer Choices   | Responses |     |
|------------------|-----------|-----|
| Never            | 20.00%    | 36  |
| 1-3 times        | 35.56%    | 64  |
| 4-6 times        | 18.89%    | 34  |
| 7-9 times        | 10.56%    | 19  |
| 10 or more times | 15.00%    | 27  |
| Total            |           | 180 |

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

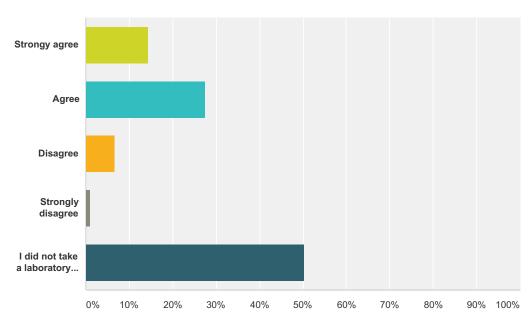
Answered: 179 Skipped: 2



| Answer Choices                           | Responses        |
|--|------------------|
| Extremely helpful                        | <b>25.14%</b> 45 |
| Helpful                                  | <b>46.93%</b> 84 |
| Not helpful                              | 2.23% 4          |
| Extremely unhelpful                      | 0.00%            |
| Did not attend enough to have an opinion | <b>25.70%</b> 46 |
| Total                                    | 179              |

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





| Answer Choices                                  | Responses |     |
|---|-----------|-----|
| Strongy agree                                   | 14.36%    | 26  |
| Agree   | 27.62%    | 50  |
| Disagree  | 6.63%     | 12  |
| Strongly disagree                               | 1.10%     | 2   |
| I did not take a laboratory class this semester | 50.28%    | 91  |
| Total   |           | 181 |

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

Answered: 156 Skipped: 25

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

Answered: 156 Skipped: 25

| #  | Responses   | Date               |
|----|---|--------------------|
| 1  | Running is extremely important for a healthy lifestyle, understanding your coursework (not memorizing it) will take you very far, help will always be given in OChem to those who ask for it.   | 6/2/2017 4:13 PM   |
| 2  | NMR Synthesis Carbonyl chemistry  | 5/20/2017 10:00 PM |
| 3  | How to find electrons, things aren't as intimidating if you put in the work, and that intuition IS key!   | 5/18/2017 1:22 PM  |
| 4  | Behavior of molecules, how to predict molecule behavior based on electron density, orbital hybridization (if struggled with it for years and finally understood it in the last semester of my fourth chemistry class)   | 5/17/2017 11:50 AM |
| 5  | to have fun in organic chemistry, to think and not memorize, to synthesize molecules  | 5/16/2017 8:55 PM  |
| 6  | I learned how to use my basic understanding of a concept and apply it to complex problems. I also learned how to effectively collaborate with other students in study sessions as well as learning how to study in general. Studying can be fun and not boring.   | 5/16/2017 4:07 PM  |
| 7  | The interacting of eletrophiles and nucleophiles, stability of molecules and how an MRI machine works.  | 5/16/2017 2:41 PM  |
| 8  | where the electrons are in a molecule, how MRI works, running is a life changer   | 5/15/2017 9:29 PM  |
| 9  | Running is good for your health Chemistry is fun! What an MRI is  | 5/15/2017 1:40 PM  |
| 10 | To keep up with lectures no matter what, look at the big picture and find patterns  | 5/15/2017 12:45 PM |
| 11 | 1). There is no time to be lazy in this class 2). Exams are both, book material and note material 3). Don't give up if you're not "catching the wave" as soon as everyone else. It takes time, patience and dedication.   | 5/15/2017 12:00 PM |
| 12 | 1. How to think through synthesis problems. 2. How to understand the 'characteristics' of molecules 3. How to apply what i'm learning to real-life situations   | 5/15/2017 7:21 AM  |
| 13 | Importance of understanding material, how to tackle a big challenge, my full potential  | 5/15/2017 12:10 AM |
| 14 | Identify and predict where the electrons go, how a MRI works, and how important running is.   | 5/15/2017 12:07 AM |
| 15 | critical analysis, synthesis, and how to love organic chemistry more  | 5/14/2017 10:56 PM |
| 16 | O Chem is in everything we do and use Running is important to success How to actively learn vs memorize   | 5/14/2017 7:47 PM  |
| 17 | I learned that it is important to put in a little bit of time every week into learning OChem so that I am not stuck cramming at the last minute. It doesn't even have to be every day! I can review everything on Friday night or Saturday morning and be okay for the week! Asking for help is totally okay! Everyone struggles! Find what works for you early on. Attend every single office hour in the first week and find what you think is most helpful!                        | 5/14/2017 6:03 PM  |
| 18 | Chemistry is about understanding how electrons interact It is not and never will be simple memorization Dr iverson is an amazing teacher and other teachers could learn from his teaching skills  | 5/14/2017 2:00 PM  |
| 19 | Synthesis Bonding Fitness   | 5/14/2017 10:49 AM |
| 20 | Where are the electrons? The understanding of enolates and how they can act as nucleotides. MRI and NMR   | 5/13/2017 8:40 PM  |
| 21 | How electron density helps predict certain reaction by identifying nucleophiles and electrophiles as well as just really internalizing and understanding organic chemistry. It opened my eyes to a world of things, and really made me understand how organic chemistry works instead of memorizing a bunch of random things. Powerful synthesis was one of my favorites, I am fascinated by the fact that you can make such complicated molecules from simple materials. Incredible. | 5/13/2017 5:21 PM  |
| 22 | Where are the electrons? Nucleophiles vs. Electrophiles. Synthesis.   | 5/13/2017 5:09 PM  |
| 23 | recognizing new bonds in a complex molecule synthesis of complex molecules from simple starting materials new studying techniques   | 5/13/2017 4:17 PM  |
| 24 | 1. Keep track of the electrons 2. Dont lose points for not writing racemic 3. Show up and ask questions to those to those who know the info   | 5/13/2017 3:31 PM  |

| 25         | Predicting reactions based on the characteristics of compounds, connecting reactions and mechanisms towards understanding how they apply to our daily lives in pharmaceuticals as well as medical treatments, and finally to study smarter and effectively practice and understand why reactions were occurring as opposed to reading and trying to memorize the information. | 5/13/2017 3:23 PM  |
|------------|---|--------------------|
| 26         | KREs, MRI, the importanc of exercise  | 5/13/2017 3:01 PM  |
| 27         | Personalities of molecules, not falling behind in class, and running is important to my health  | 5/13/2017 2:00 PM  |
| 28         | I learned how to enjoy a subject that has so much stigma around how hard it is! I learned how important staying fit is, and Dr. Iverson really inspired me with the guest speakers and his own stories. I learned how much of the world around me is connected to organic chemistry (from the molecules of the day).  | 5/13/2017 12:09 PM |
| 29         | The most important thing I gained from this class was confidence in my abilities as a scientist. This new found confidence encouraged me to continue to pursue a career in medicine.  | 5/13/2017 10:34 AM |
| 30         | -I finally understand biology better because I know how chemical processes work -the molecules of the day were super helpful and made class much more enjoyable and made me realize how cool medicine actually is -health is really important, and making time for running made me study a lot better because my head felt more clear after exercising                        | 5/13/2017 12:59 AM |
| 31         | 1. It's better to understand content than to simply memorize it 2. I learn best through hands-on experience 3. Fitness is valuable  | 5/12/2017 11:13 PM |
| 32         | 1. Organic chemistry is really fun 2. Sharper critical thinking, how to decompose complex ideas and think backwards intuitively 3. Life is worth living   | 5/12/2017 8:20 PM  |
| 33         | The personality of molecules, how organic chemistry relates to health, and upper level thinking skills  | 5/12/2017 6:33 PM  |
| 34         | The importance of running. More effecient ways to actually understand the mechanisms rather than memorizing all of them(which would be impossible!!). I also quickly learned how helpful it was to go go through the videos leading up to an exam right before the midterm.   | 5/12/2017 6:17 PM  |
| 35         | I learned how to learn material efficiently, how to think through difficult problems and to stay healthy for a better lifestyle.  | 5/12/2017 6:01 PM  |
| 36         | how to identify nucleophiles and electrophiles, how to incrementally study rather than cram, how to approach synthesis problems   | 5/12/2017 5:26 PM  |
| 37         | running is important memorization is not understanding a lot of what i should've learned last semester  | 5/12/2017 5:25 PM  |
| 38         | To stay fit and run first and foremost, to understand and not memorize (study smarter not harder), and the KREs were really make or break for almost the entire course. LEARN THEM  | 5/12/2017 4:27 PM  |
| 39         | How to go about synthesis, how to connect ochem to real life, MRI   | 5/12/2017 3:11 PM  |
| 40         | 1. How to make C-C bonds 2. How MRI works 3. Memorization won't really get you far in life  | 5/12/2017 2:13 PM  |
| <b>1</b> 1 | Stay healthy, make learning fun, I love organic Chemistry!  | 5/12/2017 1:50 PM  |
| 42         | Look for the electrons MRI Exercise often; be healthy   | 5/12/2017 1:23 PM  |
| 43         | Critical Thinking   | 5/12/2017 1:11 PM  |
| 44         | Where are the electrons? 2. Making connections is key to remembering and relating new information to past 3.     Study smarter not harder   | 5/12/2017 1:11 PM  |
| 45         | 1) How to think critically about why the things I am learning are important. 2)Run every day. 3)Where in fact the electrons are located.  | 5/12/2017 1:07 PM  |
| 46         | Thinking critically, running is important   | 5/12/2017 12:46 PM |
| 47         | Running improves health, how to visually see what the next step is in synthesis by working backwards, and also learning about leaving groups with mechanisms  | 5/12/2017 12:39 PM |
| 48         | Exercising should be a priority. Find out where the electrons are. Organic synthesis has changed the game of medicine and science.  | 5/12/2017 12:26 PM |
| 49         | -running can drastically increase your health and well being -MRI -practical applications of chemistry  | 5/12/2017 11:57 AM |
| 50         | 1) where are the electrons 2) functional groups have reactive personalities 3) how to study   | 5/12/2017 11:54 AM |
| 51         | I learned how to creatively problem-solve, how to think critically and make connections, and how to actively study for organic chemistry.   | 5/12/2017 11:46 AM |

| 52 | I learned that organic chemistry isn't a med school prerequisite for the purpose of learning how to synthesize compounds, but for the purpose of developing critical thinking skills. I'm also aware that in medical school, a vast amount of knowledge must be gained before you can cure someone, and the same applies to organic chemistry. To succeed in a class like this, you must memorize a vast amount of information then gain a strong understanding of the fundamentals of chemistrywhere are the electrons The final thing I learned was that it takes persistence to climb to the top of gloom's taxonomy and that it's one of the most rewarding feelings to be able to create something all on your own.   | 5/12/2017 11:21 AM                     |
|----|--|--|
| 53 | - Understanding how the chemistry works makes life easier - a good professor who loves what he does makes me more passionate about the subject - running is the best thing I could do for myself   | 5/12/2017 11:19 AM                     |
| 54 | Critical thinking, time management, and where the electrons are!   | 5/12/2017 11:07 AM                     |
| 55 | 1. Passion is inspiring. 2. Organic chemistry is so f*cking cool. 3. A quality Hawaiian shirt has a seamless transition in pattern between the shirt and the pocket.   | 5/12/2017 10:54 AM                     |
| 56 | Where are the electrons!   | 5/12/2017 10:52 AM                     |
| 57 | Where the electrons are. Synthesis of complicated molecules. NMR application in MRI.   | 5/12/2017 10:32 AM                     |
| 58 | Grignards, Ester Reactions, Nucleophilic Aromatic Substitution   | 5/12/2017 10:01 AM                     |
| 59 | Intuition is everything, especially when it comes to mechanisms there are so many you cannot memorize them, but if you know the mechanistic elements and the molecules personalities you will breeze through them on exams.  Mechanisms were my favorite part of exams!!!  | 5/12/2017 10:00 AM                     |
| 60 | How to study properly, ochem is full of patterns, and running is life  | 5/12/2017 9:52 AM                      |
| 61 | I learned how to study effectively, how to make connections between mechanisms and synthesis problems, and how to really think critically and get creative for answers.  | 5/12/2017 9:50 AM                      |
| 62 | Running is important Delocalized charge is stabilizing Alpha is axial  | 5/12/2017 9:29 AM                      |
| 63 | Synthesis.   | 5/12/2017 9:25 AM                      |
| 64 | This is going to sound terrible but I learned that not all professor suck at UT. I received a C/C+ on every exam and I still absolutely loved this class. How things happen didn't actually click with me until about 2 days before the final and then all of a sudden I understood it all and, well it's better late than never. I learned that ochem can actually be fun, even when you aren't scoring the highest. And lastly I've never been near overweight but I'd also never, in my life, run a mile and I can do that easily and I plan on signing for for the thanksgiving 10k - possibly the half marathon in February?  | 5/12/2017 8:36 AM                      |
| 65 | How important running is to maintaining your health, What an MRI really is, and How to interpret the personalities of molecules.   | 5/12/2017 8:32 AM                      |
| 66 | 1. How to take mechanisms and reactions we learned in class and apply them to synthesis questions. 2. How an MRI works 3. An hour of running can add 7 hours to your life!!  | 5/12/2017 5:38 AM                      |
| 67 | how to think through mechanisms (add, make, break, take) synthesis and working backwards the importance of physical health   | 5/12/2017 2:51 AM                      |
| 68 | Where the electrons are, how MRIs work, molecules have personalities   | 5/12/2017 2:04 AM                      |
| 69 | 1. Being able to understand/ interpret rather than straight up memorizing, such as learning the character of the molecule instead of just memorizing it as a nucleophile/ electrophile. 2. Learnt a lot of concepts really in depth. Dr. Iverson did a really good job explaining the very details of every student's questions and clarifying the questions to the best of his ability. We really appreciate that. 3. I learnt two big take-home in this class not related to ochem, one being that RUNNING is very healthy, and the other is about how the stuff we are currently learning has an impact in the science world around us every day.   | 5/12/2017 1:35 AM                      |
|    |  |  |
| 70 | 1. I learned the importance of truly understanding the material and actively applying my knowledge. At the beginning of the semester, I thought that synthesis problems were impossible. How the heck was I supposed to remember allillill of the reactions and know what goes where? Although I wouldn't say that synthesis problems are a breeze now, most are a lot less complicated than they seem. Somehow, I have gained an ability to just sort of see what will fit. 2. How cool and important chemistry is in the the real world. Of course I knew that chemistry was important, but I just couldn't envision how it relates to everyday things. Like drugs, for example. I gained an understanding of how they actually work. 3. The importance of running, of course! | 5/12/2017 1:34 AM                      |
| 70 | the semester, I thought that synthesis problems were impossible. How the heck was I supposed to remember allillill of the reactions and know what goes where? Although I wouldn't say that synthesis problems are a breeze now, most are a lot less complicated than they seem. Somehow, I have gained an ability to just sort of see what will fit. 2. How cool and important chemistry is in the the real world. Of course I knew that chemistry was important, but I just couldn't envision how it relates to everyday things. Like drugs, for example. I gained an understanding of how they actually  | 5/12/2017 1:34 AM<br>5/12/2017 1:31 AM |

|    | •   | •                  |
|----|---|--------------------|
| 73 | - Life is beautiful because everything makes sense. I personally achieve a sense of relief when I understand the reasoning behind a certain reaction mechanism and why it takes place. Chemistry is all common sense in my opinion.  - Staying fit is more important than you think, and saves more lives than does harm. There is proof from studies and from your former students that it helped motivate them despite being under the pressure of having cancer Reaction mechanisms are not as complex as one thinks if you break it down into elementary steps and pieces. Piecewise analysis always helps. Also, synthesis problems are not problematic. They enforce higher-level thinking crucial in prehealth profession careers. It will be necessary to have such skills when one becomes a doctor or a pharmacist.                                       | 5/12/2017 1:16 AM  |
| 74 | Where the electrons are. Personalities of molecules. How to understand and not memorize. Do not procrastinate   | 5/12/2017 1:03 AM  |
| 75 | 1.) scuba diving is awesome (just got certified 2 days before the final) 2.) exercise is important 3.) learning chemistry isn't so bad :)   | 5/12/2017 12:41 AM |
| 76 | 1. Organic chemistry becomes easy once you understand the material rather than memorize 2. How to predict personalities of molecules 3. Organic chemistry has a lot of real world application especially in pharmaceuticals which is pretty cool  | 5/12/2017 12:37 AM |
| 77 | 1. Exercise is extremely important for physical and mental health. 2. It is okay to fail (and you will many times), but you will eventually "catch the wave" if you never stop trying. 3. Organic chemistry is vital to understanding synthesis of pharmaceutical drugs that are used every day.  | 5/12/2017 12:36 AM |
| 78 | 1. If you truly try and understand the material, you can walk into an exam with minimal studying and do well! The most important thing is to stay on top of the material and always seek help when you need clarification on certain topics. 2. WHERE ARE THE ELECTRONS???!!!!! I thought Iverson was making a joke of this however it truly is the most important question in chemistry overall and I didn't know that until this course. 3. Along with all of the cool chemistry learned this semester, TAKING CARE OF YOUR BODY was the most important lesson that Iverson taught because without good health you can't enjoy life and the cool organic chemistry that comes along with it. We all obsess about grades but they're not the most important thing in life. You are the most important thing you have so taking care of yourself is above all else. | 5/12/2017 12:32 AM |
| 79 | I learned how to study - going to office hours became regular for me and I attribute those to me doing well in the class. I learned a lot about compassion and empathy - from meeting all the people who came in to tell their stories to how amazing Dr. Iverson was during the last week of class, which was the hardest week of my college career. I learned that I should run more and I actually have tried to live a more healthy life because of things Dr. Iverson has told us about being healthy! One last thing I learned is that ochem is my new favorite subject, the molecules of the day were my favorite thing to learn about!  | 5/12/2017 12:25 AM |
| 80 | Where are the electrons, predicted reactions, understanding molecule reactivities   | 5/12/2017 12:25 AM |
| 81 | Critical thinking, Chemistry applications in the real world, Where the electrons are  | 5/12/2017 12:17 AM |
| 82 | Problem solving skills, staying consistent with studying the material, and synthesis!   | 5/12/2017 12:03 AM |
| 83 | The importance of intuition in problem-solving. 2. How the golden rules of organic chemistry dictate chemical interactions. 3. Running is an amazing form of exercise.  | 5/11/2017 11:57 PM |
| 84 | 1: keeping up with the material is a must 2: repetition and practice is key 3: don't put off learning for the class until a couple days before the exam   | 5/11/2017 11:56 PM |
| 85 | Synthesis, how to use resources to study on your own, and applicable mechanisms for biochem   | 5/11/2017 11:49 PM |
| 86 | Where are the electrons? Stay fit. The medical diagnostic technique of Magnetic Resonance Imaging is  | 5/11/2017 11:48 PM |
| 87 | 1. how to reason out which mechanistic element should be used 2. retrosynthesis 3. the other cool stuff that applies to the real world  | 5/11/2017 11:48 PM |
| 88 | The practical applications of organic chemistry and how it actually works in relation to the health sciences, how to properly tackle a synthesis problem, and the components which helped me figure out how to approach mechanisms without memorizing   | 5/11/2017 11:46 PM |
| 89 | How the reactions worked together. How to study/learn as the year went on instead of last minute How to use class resources efficiently.  | 5/11/2017 11:46 PM |
| 90 | How to solve new problems by applying old information to them   | 5/11/2017 11:44 PM |
| 91 | You can basically make anything (synthesis), ochem is fun, and live a healthy lifestyle (running)   | 5/11/2017 11:35 PM |
| 92 | Where are the electrons?  | 5/11/2017 11:26 PM |
| 93 | Through organic synthesis, the implementation of a qualitative and quantitative approach to chemistry and academia. Through mechanisms, the skill of recognizing patterns situationally in chemistry and other aspects of life. A very strong understanding of NMR and real world applications such as MRI. I can explain to both my mother, a general surgeon, and my father, a specialist pediatric surgeon and orthopaedic, how MRI works.   | 5/11/2017 11:18 PM |

| 94  | 1) I learned how important it is to not memorize material and instead think critically about the problem. 2) I learned the most efficient way to study for me personally, as well as the necessary work ethic to succeed. 3) Excerise is hugely important for my overall health and how beneficial running can be for your mind and body.  | 5/11/2017 11:03 PM |
|-----|--|--------------------|
| 95  | Run for health, where are the electrons, work backwards  | 5/11/2017 11:02 PM |
| 96  | "Where are the electrons?" That with enough practice you WILL catch the wave. Staying fit is essential to a happy and healthy life   | 5/11/2017 11:01 PM |
| 97  | - Where are the electrons? - That you deserve all the hype you get because you are a really great professor Knowing the characteristics of the reagents during mechanisms helped too.  | 5/11/2017 10:51 PM |
| 98  | Recognize traits of molecules that tell of reactivity How to approach mechanisms The confidence to stop and work through a problem you haven't seen (sythesis or other)  | 5/11/2017 10:48 PM |
| 99  | I learned how to study, how to understand and not merely memorize, and that organic chemistry is cool. :)  | 5/11/2017 10:43 PM |
| 100 | 1) How to not freak out looking at synthesis problems 2) Understanding Reactivity 3) Pi-Ways   | 5/11/2017 10:40 PM |
| 101 | Where are the electrons, understanding how molecules react and not just memorizing mechanisms  | 5/11/2017 10:39 PM |
| 102 | Every reaction involves electrons. Almost every molecule's reactivity can be predicted based on its pKa and its nature (Nucleophile or electrophile). Organic Chemistry is friggin Awesome!!! I love Dr. Iverson!  | 5/11/2017 10:36 PM |
| 103 | 1) Predict Reactivity based on functional groups present in a molecule even in the most complicated molecules. 2) Interpret the "personality" of a molecule to predict its reactivity even in cases where it may not be obvious. 3)Develop an understanding for how organic chemistry has changed our lives by enhancing the pharmaceutical and medical industries (synthesis and reactivity). | 5/11/2017 10:30 PM |
| 104 | Learning how to understand and apply knowledge to bigger ideas. Memorization won't get you far. Not just in Ochem but in life too. Ochem is fun!   | 5/11/2017 10:29 PM |
| 105 | 1.The fundamental chemical concepts behind organic chemistry 2.Logic behind organic reaction mechanistic steps     3.Applying these skills to effectively tackle problems I haven't encountered before.  | 5/11/2017 10:28 PM |
| 106 | I learned to completely rationalize the mechanisms by utilizing the 4 mechanistic steps rather than memorizing them. I learned to smartly tackle down synthesis problems (which were my favorite part of Ochem II). I also learned that staying fit (running, yeah!) is an important part of success.  | 5/11/2017 10:27 PM |
| 107 | Chemical intuition, applications of ochem to medicine, and running!  | 5/11/2017 10:26 PM |
| 108 | 1. Running can lead to a healthier life 2. Charge of mechanisms is up to whether acid or base is used 3. Alpha hydrogens are acidic  | 5/11/2017 10:24 PM |
| 109 | 1. Running is good for you. 2. Memorization will get you no where. 3. Everything about MRI   | 5/11/2017 10:23 PM |
| 110 | Understanding a reaction through simpler reactions and trends is great. Dr. Iverson, you have a very well designed ontological approach. I am very grateful for this class and your work, thank you!   | 5/11/2017 10:23 PM |
| 111 | 1. Identifying the personality of molecules 2. How to actively learn instead of memorize 3. The applications of ochem in biochemistry (I wish that I did not take them at the same time)   | 5/11/2017 10:22 PM |
| 112 | Where the electrons are Properties of organic molecules Mechanisms regarding chemical reactions  | 5/11/2017 10:20 PM |
| 113 | Where the electrons are!!! I learned how to actively learn material in your class and in other courses! Additionally, I learned to appreciate organic chemistry and how it is literally everything around us. It was very enlightening. I extremely enjoyed your course! I would take it every semester if I could!  | 5/11/2017 10:17 PM |
| 114 | Partial positives/negatives and their relationship with electrophiles and nucleophiles Resonance/Pi-way stablization<br>How to ask myself where the electrons are  | 5/11/2017 10:14 PM |
| 115 | 1. Predicting how molecules will react with one another by looking at where the electrons are. 2. The formation of lower energy products is favored in a chemical reaction. 3. Organic chemistry can be fun.   | 5/11/2017 10:14 PM |
| 116 | Where are the electrons?   | 5/11/2017 10:12 PM |
| 117 | prediction of electron-rich/deficient regions of a compound; reaction mechanism intuition; identity of nucleophile/electrophile  | 5/11/2017 10:10 PM |
| 118 | How molecules will react based on the functional groups they have. How to achieve higher level thinking. Knowledge is good, but analytical thinking is better.   | 5/11/2017 10:10 PM |
| 119 | MRI Critical thinking skills Exercise is important   | 5/11/2017 10:10 PM |

| 120 | 1). The "personalities" of various molecules. 2). Running is very important. 3). The popular medical diagnostic technique of magnetic resonance imaging (MRI) is based on the same principles as NMR, namely the flipping (i.e. resonance) of nuclear spins of protons by radio frequency irradiation when a patient is placed in a strong magnetic field. Magnetic field gradients are used to gain imaging information, and rotation of the gradient around the center of the object gives imaging in an entire plane (i.e. slice inside patient). In an MRI image, you are looking at individual slices that when stacked make up the three-dimensional image of relative amounts of protons, especially the protons from water and fat, in the different tissues. | 5/11/2017 10:06 PM |
|-----|---|--------------------|
| 121 | NEVER GIVE UP. You are smart enough and one bad test grade should not be enough to discourage you. You can always redeem yourself. As Colin Powell said, "Get mad, then get over it". 2. Organic chemistry makes sense 3. Learned how to study smart.   | 5/11/2017 10:05 PM |
| 122 | Synthesis do not memorize MRI, and other biology/medical information  | 5/11/2017 10:04 PM |
| 123 | MRI, how pH affects protonation of a molecule, and synthesis  | 5/11/2017 10:04 PM |
| 124 | 1) Running is great for my health and I should be taking more efforts to care for myself. 2) How to analyze mechanisms to predict what will happen rather than memorizing it 3)how to analyze he character of a molecule-where and how it would be reactive.  | 5/11/2017 10:04 PM |
| 125 | -how not to simply memorize mechanism but logically work through them -better study habits -Dr. Iverson cannot sing to save his life :)   | 5/11/2017 10:03 PM |
| 126 | 1. How to identify what the nucleophile and electrophile is and how they react in order to FIGURE OUT how to do mechanisms. So I did not have to MEMORIZE mechanisms. 2. Ochem is about practice. The more you see and are familiar with, the more you are able and better prepared for the box questions on the exam to take on any given situation. 3. You need to at least try and learn in class. Don't think that you can just watch lectures later since they're recorded because your focus won't be on the lecture in class. Try to learn IN class and then rewatch the lecture because then you hear what you missed and are able to put things together better now that you hear it the second time around and it makes more sense.                         | 5/11/2017 10:03 PM |
| 127 | Synthesis, Synthesis, and Synthesis   | 5/11/2017 10:02 PM |
| 128 | Thinking critically, the importance of nmr, and how to catch the wave   | 5/11/2017 10:02 PM |
| 129 | Where are the electrons, "The good, the bad, and the ugly", learn the mechanisms and don't memorize   | 5/11/2017 10:02 PM |
| 130 | 1) I developed a certain "vision" or ability to look at a complex molecule and be able to piece together in my mind, the many steps I know to be able to get there in different ways. (I really impressed myself with this ability by the end of the semester). 2) The capacity to effectively piece together concepts from all different parts of the curriculum and use them together to solve problems. 3) The ability to be able to recognize the patterns or behaviors of certain types of molecules and thus be able to predict the mechanistic element that will occur in a given scenario without memorizing mechanisms.  | 5/11/2017 10:02 PM |
| 131 | How to do synthesis. How to study. Time management.   | 5/11/2017 10:00 PM |
| 132 | Lots of what we learned was very applicable in biochem, which I am taking concurrently 2. What we learned is actually useful for medicine (loved all the molecules of the day) 3. Fitness is important (now that I actually have time to go to a gym, I am re-motivated)  | 5/11/2017 9:58 PM  |
| 133 | How to think through a problem not just memorize. How powerful and interning ochem can be. Where the electrons are!!!   | 5/11/2017 9:58 PM  |
| 134 | How MRI works Why being healthy and exercising is so important How drugs work   | 5/11/2017 9:57 PM  |
| 135 | Recognizing KRE's How to do synthesis problems without being freaked out Understanding the personalities of molecules   | 5/11/2017 9:57 PM  |
| 136 | Where are the electrons; following the electron density of molecules and applying it to mechanisms How MRI works How to be creative with chemicals in synthesis problems  | 5/11/2017 9:57 PM  |
| 137 | Critical thinking, application, and alternative ways to answer questions .  | 5/11/2017 9:56 PM  |
| 138 | Mechanisms are like multiple choice questions - I have always tried to memorize them but most of them make sense now Catalyzed vs promoted reactions Running and staying fit is important :-)   | 5/11/2017 9:56 PM  |
| 139 | How to look at a mechanism and figure it out; the Wolff-Kishner on the second midterm really threw me off but I managed to figure it out based on the skills you taught us in class Do your homework!! Actually do your homework, don't try to get answers from other people. I made that mistake during the second half of OChem I but actually working the problems yourself really enforces the material, and I was able to do so well in the class as a result. How to live life! Grades are important but they're not everything, and running really IS good for you so make time for that.  | 5/11/2017 9:56 PM  |

| 140 | Recognizing how different reactions connected to each other, recognizing treats of a molecule, and being able to work through something I haven't seen with the lessons taught.  | 5/11/2017 9:54 PM |
|-----|--|-------------------|
| 141 | How to study effectively, how important it is to stay healthy, and that I want to have your job and be as passionate as you when I am older  | 5/11/2017 9:54 PM |
| 142 | Learning to use critical thinking skills, health is important, and learning for the fun of learning.   | 5/11/2017 9:54 PM |
| 143 | Ochem can be challenging but fun Watching videos reinforces topics Go to class   | 5/11/2017 9:53 PM |
| 144 | How to determine the relative acidity of a molecule. How to thing of multiple processes in which to from a complex molecule from a simple molecule. How to think of the reactivity of a molecule with other molecules based on their properties  | 5/11/2017 9:53 PM |
| 145 | Health is everything! Where the electrons are! To believe in myself!   | 5/11/2017 9:52 PM |
| 146 | I learned how to understand the material and really appreciate the material rather than cramming it all into my head. I learned how an MRI actually works and after memorizing it for the first exam, the sentences really made sense and I could picture an MRI image and how it is like NMR. Lastly, I learned how organic chemistry can influence me outside of the classroom and that it is effective not only in the classroom. Extra, but I was reminded how important running is lol. | 5/11/2017 9:52 PM |
| 147 | MRI/NMR Wolff Kishner Chem teachers can have a heart   | 5/11/2017 9:52 PM |
| 148 | Running is important Where are the electrons Movies use ochem themes   | 5/11/2017 9:52 PM |
| 149 | running will save my life Having a good ochem professor is crucial to succeeding in ochem How to study smarter   | 5/11/2017 9:52 PM |
| 150 | Where are the electrons, oh no,  | 5/11/2017 9:52 PM |
| 151 | RUNNING IS GOOD, how to classify electrophiles and nucleophiles, practical applications of the chemistry we were learning!   | 5/11/2017 9:52 PM |
| 152 | Mechanisms, synthesis, if i study hard enough i can do well in any class   | 5/11/2017 9:51 PM |
| 153 | i learned the importance of keeping up with the course work and not cramming, i learned how to reason my way through the problems, and i learned how to i learned how helpful it was to go over lecture notes every week   | 5/11/2017 9:51 PM |
| 154 | how to learn concepts and not memorize, how to analyze the chemical "personality" of a molecule, how important physical fitness is   | 5/11/2017 9:51 PM |
| 155 | Life goals Organic chemistry intuition Running!  | 5/11/2017 9:51 PM |
| 156 | 1. How an MRI works 2. The importance of fitness in your everyday life 3. How to break down complex problems into simple parts   | 5/11/2017 9:50 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: 114 Skipped: 67

# 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: 114 Skipped: 67

| #  | Responses  | Date               |
|----|--|--------------------|
| 1  | -  | 6/2/2017 4:13 PM   |
| 2  | Textbook allows to answer questions independently, and practice practice practice, especially for getting comfortable for synthesis.   | 5/18/2017 1:22 PM  |
| 3  | nope   | 5/16/2017 8:55 PM  |
| 4  | The best advice I can give is to study with friends. Of course, choose the friends that you know will focus when things need to get done. I had so much fun hanging out with my friends while we studied. We talked and laughed so many but we were productive. Choose the friends that will be there for you and are willing to help.   | 5/16/2017 4:07 PM  |
| 5  | Go to office hours! Or make plans to watch them later as they help you stay ahead on the material. Print out the practice sheets from the problem solving sessions and work through them. It is all extra practice that will help you get an A in Ochem 2.   | 5/15/2017 9:29 PM  |
| 6  | keep up in ochem1, you'll thank yourself. Also don't choose professors based on easy-ness or grade distributions-choose the one you'll succeed in  | 5/15/2017 12:45 PM |
| 7  | What I feel like helped me the most was taking an entire weekend to fully understand the course material and attempt to "catch the wave". Also! I found it helpful to get a whiteboard to study reactions on.  | 5/15/2017 12:00 PM |
| 8  | NA NA  | 5/15/2017 7:21 AM  |
| 9  | I literally took every old exam that was available on the course website. I used the older exams (before 2013) as practice problems. I would look at my notes for the first few exams to learn the material and then afterwards i would try to simulate a testing environment for 2013 and onward exams. That way when i actually took the exam i was relaxed and it was nothing new. I found this super effective   | 5/15/2017 12:10 AM |
| 10 | I read the Rules of the Day at the end of the week and reread them before every exam and even wrote some down that I thought were confusing. Those really help with the conceptual questions on the exams.   | 5/14/2017 6:03 PM  |
| 11 | Attend lecture and try to understand the material not memorize   | 5/14/2017 2:00 PM  |
| 12 | N/A  | 5/14/2017 10:49 AM |
| 13 | Rewatching the lectures after class  | 5/13/2017 11:48 PM |
| 14 | Honestly going to class is very helpful. One thing is watching the recorded lecture but another is being there to watch Dr. Iverson explain things. It is just a different atmosphere that you can not get through a computer screen. In my personal situation, as long as I pay very close attention to lecture I will be able to remember most things and just go through my notes to reinforce it, extremely important to take notes so you do not have to go back and watch hours of videos. Ask question sin class if something is unclear so the doubt does not linger after class, take good notes.   | 5/13/2017 5:21 PM  |
| 15 | Not much   | 5/13/2017 3:31 PM  |
| 16 | Oftentimes, I would be lost as to how I should start my studying for a midterm or final, intimidated by the amount of information that I knew was going to be on the test, but I found it extremely helpful to start preparing for a midterm by going through all of my class notes and re-writing them. This allowed me to put into my own words why specific reactions did not make sense to me at the time. Simultaneously, having the rules of the day open as I went through each day was great to coordinate my notes with the key ideas I needed to focus on for each day. Then, I would work on re-doing the homeworks and going through practice problems to test how much of the material I knew. I would not take a practice midterm until I knew I was ready, so I could evaluate how much I had retained during my studying. The best thing was actively working through problems and synthesis problems, as well as re-watching old lecture videos to re-iterate all of the information. One more key tip I recommend is paying close attention in class and writing down every important thing Dr. Iverson mentions, as I went through my notes while studying everything started to make sense and little points of information he said would help me better understand the material. All that being said, definitely make sure to attend class! I would get major FOMO if I hadn't. | 5/13/2017 3:23 PM  |

| 17 | (not necessarily not covered in survey but) I found synthesis practice to be the best way to test if I knew something. And it's fun because it's like a puzzle, and who doesn't like solving a good puzzle? So if it ever came down to having to cram for the ochem exam (sorry - I just didn't manage time well because my ochem exams were sometimes on the same day as genetics and the day after physics) I would just practice a bunch of synthesis because they test if I know what specific reagents do (which is helpful on box questions) and my KREs. | 5/13/2017 3:01 PM  |
|----|---|--------------------|
| 18 | No.   | 5/13/2017 2:00 PM  |
| 19 | I re-wrote all of the lecture notes while I watched the lectures again! I attended every lecture. I went to all the practice problem sessions.  | 5/13/2017 12:09 PM |
| 20 | After doing poorly on the second midterm, I developed a helpful strategy where I would meet with two of my close friends in the class after every active problem solving session on Friday for an hour or so. We would discuss the material covered in lecture that and solidify CONCEPTS first, then progress onto actually working problems. I would not just stop if I did not understand but would ask them to explain a question or topic one more time. Following this strategy lead to a near perfect score on the third midterm and the final exam.     | 5/13/2017 10:34 AM |
| 21 | EXERCISE!! When I exercise and I'm active I do study more efficiently and even feel like I do better on tests.  | 5/13/2017 12:59 AM |
| 22 | Wrote out mechanisms without the formatted sheet  | 5/12/2017 8:20 PM  |
| 23 | I learned to believe in myself; I started the semester off thinking that a bad grade in the class was ok because it was a hard course. As the semester progressed though, I realized that I was capable of understanding all of the material - it's a function of putting time into the class. My test scores increased every exam  | 5/12/2017 6:33 PM  |
| 24 | make notes specifically for tricky/confusing concepts like different ring formation, used vs catalytic, equivalence   | 5/12/2017 6:29 PM  |
| 25 | I wouldn't add anything but I would like to emphasize the importance it is to work through the homeworks and practice exam before each midterm.   | 5/12/2017 6:17 PM  |
| 26 | No, I used suggestions given early on in the semester and they were very helpful.   | 5/12/2017 6:01 PM  |
| 27 | One HUGE suggestion is to get clear plastic sheet covers and a thin expo marker and reprint blank homeworks, midterms, and mechanism sheets. Do them over and over from scratch and wipe away your answers so you can practice again! This really helped me with synthesis!! It's almost like a game. (Or at least a more fun way to study than just sitting and staring at paper)  | 5/12/2017 4:27 PM  |
| 28 | N/A   | 5/12/2017 3:11 PM  |
| 29 | I would watch last year's lecture videos before class that way I came to class prepared with questions if I had any. I would also write down the rules of the day before class began.   | 5/12/2017 2:13 PM  |
| 30 | re watch all lectures at double speed with your notes and a different colored pen out. Write anything you miss in that different color so that it stands out to you.  | 5/12/2017 1:50 PM  |
| 31 | n/a   | 5/12/2017 1:11 PM  |
| 32 | My biggest advice is to start studying about a week out. To the test in sections, as in all of the multiple choice from all of the past test at the same time. This way you see the trends and see what you do not understand. The same for free response.  | 5/12/2017 1:07 PM  |
| 33 | Keep practicing for synthesis, and it will get so much easier. Try to do as many practice exams as possible, and then make sure to redo them.   | 5/12/2017 12:46 PM |
| 34 | Retake notes condensing the information   | 5/12/2017 12:27 PM |
| 35 | nope  | 5/12/2017 11:57 AM |

| 36 | I would say the best thing you can do is keep up with the material each week. Make watching the office hours part of your "homework", check the homeworks you do each week with a friend and turn it in knowing you already have a perfect score on it. Catching your mistakes before the ta's do and going over the different synthesis routes of my buddies seemed to tremendously reinforce the material and made stufdying for exams not at all stressful.   | 5/12/2017 11:54 AM |
|----|--|--------------------|
| 37 | I studied the KRE chart and made flashcards, but those things may have already been mentioned.   | 5/12/2017 11:46 AM |
| 38 | Mechanisms aren't as hard as they look - remember that same functional groups react the same way in different molecules. To practice, I printed blank copies and used a clear page cover thing and did the mechanism with a dry erase marker. Synthesis questions are all about KREs. If you know what to look for, then the synthesis is easy! Actually do the homework. Do it on your own, then compare it with friends. Don't do it together - it won't help as much.   | 5/12/2017 11:19 AM |
| 39 | N/a  | 5/12/2017 11:07 AM |
| 40 | You've covered all bases when it comes down to how to study for this course. The only suggestion I can make is in respect to the Wolff-Kishner reaction. I know that a lot of people had trouble with it, but this wasn't the case for me. I think this was primarily because you mentioned that the entire mechanism is driven by the dinitrogen triple bond. This little idea helped me SO MUCH. Looking at the mechanism through this lens made me realize that every step is a step towards creating this bond. Everyone that I talked to about this mechanism said that they had a much easier time with it when viewing the mechanism through this perspective. I know you say it in class, but maybe if you emphasize it a bit more it'll resonate with more people. I'm not sure if that's how you want to teach your course, but I know that it helped me tremendously. | 5/12/2017 10:54 AM |
| 41 | I've worked in a Ochem lab since Freshman year through FRI   | 5/12/2017 10:01 AM |
| 42 | THE RULES OF THE DAY!!! So so important and helpful when trying to pull out what topics are important. Go through these and your class notes at the same time and you will know everything.  | 5/12/2017 10:00 AM |
| 43 | You can print out blank mechanism sheets and put them into a sheet protector. That way you can go through the mechanism multiple times in dry erase marker!  | 5/12/2017 9:52 AM  |
| 44 | The value of repetition. Don't just do the homeworks and old exams once, do it two, three, four times, etc.  | 5/12/2017 9:50 AM  |
| 45 | No   | 5/12/2017 8:36 AM  |
| 46 | RULES OF THE DAY ARE A MUST!!!   | 5/12/2017 8:32 AM  |
| 47 | I printed out copies of each mechanism sheet and filled them out over and over again. At first it was probably just memorization, but as the semester went on I found that I really started understanding how the mechanisms work and "where the electrons are."   | 5/12/2017 5:38 AM  |
| 48 | binge those videos 3 times each at double the speed. seriously eventually even if you didn't understand it the first time it just clicks   | 5/12/2017 2:51 AM  |
| 49 | Finally, I realized that reviewing by going through the Rules of the Day along with my class notes and the mechanism sheet was the best way to make sure all the concepts were clearly understood in my head.  | 5/12/2017 2:04 AM  |
| 50 | Re-listening to the lecture helps a lot! I attended the lectures, but before an exam, I would rewatch lectures in twice the speed, and materials will "click" more in my head and I will be able to understand better!   | 5/12/2017 1:35 AM  |
| 51 | Keep up with the material. It's so easy to fall behind. It's so tempting to skip class because the lectures are recorded, but how much will you actually learn watching the lectures at 2x speed, IF you actually get the motivation to watch them at all? I made the terrible mistake of not paying attention in class and not attempting to actually learn the material at the beginning, and my grade will probably suffer for that. This is no one else's fault but mine. So basically, DON'T FALL BEHIND! It's so easy to, but don't do it!   | 5/12/2017 1:34 AM  |
| 52 | -I used your tactic of writing out class notes every week and using a roadmap/KREs. This made a huge difference between my 2nd and 3rd exams   | 5/12/2017 1:23 AM  |
| 53 | Really there is no trick to doing well in the class. Just keep up with material, and don't fall behind. Most importantly GO TO CLASS!!! Going to class helps a LOT!! I studied from my notes for the finals and it really speeds up the studying process exponentially, although the lecture videos are still somewhat helpful still. Make sure to stay on top of material, because if you fall behind you will struggle a lot. Also make SURE to do the homework. Not only is the homework extra points but also it gives one a chance to familiarize oneself with the format of what is expected in the class and what type of questions you should be able to do. Homework problems are a good way to study for midterms and the final as they cover essential reaction mechanisms and material.  | 5/12/2017 1:16 AM  |
| 54 | N/A  | 5/12/2017 1:03 AM  |
| 55 | Being patient with myself and just let the learning happen as slowly as it needed to, cause it clicks eventually   | 5/12/2017 12:41 AM |
| 56 | Make flashcards for the KREs   | 5/12/2017 12:37 AM |

| 57 | Focus on learning the KREs of reactions and problems (especially synthesis problems) will simply make sense to you  | 5/12/2017 12:36 AM |
|----|---|--------------------|
| 58 | Outline the material after each week. Go through the rules of the day after each week and your notes. Make small reaction summary and practice any mechanisms covered. Also, I made my own roadmaps after each chapter such as for enolate chemistry and aromaticity. This makes studying for midterms and the final so much easier and you can use your time efficiently. Iverson provides you with more than enough tools to ace the class but the most important thing that you can do is finding what works for you early on and sticking with a plan. Make study goal lists over what material, mechanisms or reactions you want to cover when studying for the midterms and finals so you don't drown yourself. Also try to go to at least one office hour/ problem solving and MISSED THE WAVE IS AWESOME SO GO TO IT. You will learn a lot about yourself as a student so apply what you learn in other courses and I guarantee you will succeed. Fully put your trust in Iverson and his way about teaching organic chemistry. He is the best and is TAs are the best you will ever have and the amazing part about it is they are all invested in your growth and knowledge and want you to succeed. I can go on and on about this class it was truly amazing and life changing. Good luck everyone!!!! | 5/12/2017 12:32 AM |
| 59 | There were basically office hours every day of the week to get help with anything so I strongly suggest going to those. I would say that professor office hours and MTW were very helpful and the problem solving sessions were great too. Every semester, I write out my class schedule so I know when I have classes and what helped me was including the office hours in my class schedule and routine so I went to them every week and that just became normal for my schedule. It's a lot of ochem per week, but it will for sure help you catch the wave!! I couldn't attend the Thursday online office hours because I had class so I watched them all before the tests.   | 5/12/2017 12:25 AM |
| 60 | Did problem solving problems on days closer to the exam to ensure I know the material   | 5/12/2017 12:25 AM |
| 61 | N/A   | 5/12/2017 12:17 AM |
| 62 | I actively wrote down questions that I had from the material and got these questions answered. Additionally, I found that it was extremely important to go over the notes again and truly allow myself to digest them. The last major thing that I did was constantly discuss the material with a friend who was also in the class. These things helped to really cement the concepts for me.   | 5/11/2017 11:57 PM |
| 63 | Roadmaps >>>  | 5/11/2017 11:49 PM |
| 64 | Skim through your notes after every lecture! The moment you don't understand something, ask! A lot of the concepts in this class build upon each other, so make sure you understand them.   | 5/11/2017 11:46 PM |
| 65 | Go to class, study with other people  | 5/11/2017 11:44 PM |
| 66 | Learn the KREs, I didn't do that until the third test but after I did, I felt confident in all of the synthesis problems  | 5/11/2017 11:35 PM |
| 67 | Probably not good to encourage students doing this, but I codified the 4 mechanistic elements into 4 letters starting with the first letter of each mechanistic element (ATMB) and made codes for all the mechanisms. While I completely understood each step of the mechanism and that is why I personally feel like I've accomplished much when it comes to mechanisms, sometimes it could be hard to determine the next step because of the way the compounds react with each other. The code was like an emergency system that I could use to remind me of the step used at a specific mechanistic point. A very strong emphasis on ATTENDANCE, and large amounts of homework problem solving and old midterms.   | 5/11/2017 11:18 PM |
| 68 | I took your advice, O Chem and health-wise, seriously and gave it a chance to make a difference in my learning and life. It turned out to be one of the best decisions I've made so far in college.   | 5/11/2017 11:03 PM |
| 69 | Making my own KRE and Reactions list  | 5/11/2017 11:02 PM |
| 70 | Just practice practice  | 5/11/2017 11:01 PM |
| 71 | Uhm I think this has already been done but doing the practice problems that you post on rules of the day was also extremely helpful, and just knowing your stuff, studying and practicing.  | 5/11/2017 10:51 PM |
| 72 | The online lectures are super valuable. I may not have physically attended the missed the wave or other office hours but I watched them as if I was there. It really helped me, for example, to use the problem solving when I felt like I understood the material and wanted to focus on problem solving.  | 5/11/2017 10:48 PM |
| 73 | I really made an effort to just look back at my notes the day after I wrote them just to make sure I understood what I wrote.   | 5/11/2017 10:43 PM |
| 74 | Personally I found instead of doing the entire practice tests at a time I would break down all the tests by type of question (box problem, synthesis) and do all of those as question types to reinforce learning.  | 5/11/2017 10:40 PM |
| 75 | Practice, practice and practice problem sets! This will make synthesis so much better!!   | 5/11/2017 10:36 PM |
| 76 | Teach the material to someone else. This made me make sure that I understood it myself.   | 5/11/2017 10:30 PM |

| 77  | For two exams, I didn't re watch lectures and I got A's. For the last exam and the final I binge watched the relevant lectures and got over 100 on both.   | 5/11/2017 10:29 PM |
|-----|--|--------------------|
| 78  | Redoing homeworks before the exam makes the exam questions feel almost familiar because all reaction questions have the same basic chemistry behind them.  | 5/11/2017 10:28 PM |
| 79  | Rules of the Day's are so helpful! Also, studying as a group, doing synthesis problems together, and discussing theories as a group are so helpful.  | 5/11/2017 10:27 PM |
| 80  | In studying for exams I would go through all the notes I took and write down every reaction/important note on a sheet or two of paper. This was incredibly helpful as a reference tool while practicing problems and synthesis.  | 5/11/2017 10:26 PM |
| 81  | No   | 5/11/2017 10:24 PM |
| 82  | Spreading studying out over a week instead of cramming right before the exam.  | 5/11/2017 10:23 PM |
| 83  | Learn by binge watching thursday videos, but the class provides vital information and context. Don't forget to speed them up.  | 5/11/2017 10:23 PM |
| 84  | Class notes and Rules of the day. They will be very helpful to you for the final   | 5/11/2017 10:20 PM |
| 85  | Just constant practice of the material! It helps not forget the material. *Cough* *Cough* *Wolff Kishner* *Cough*  | 5/11/2017 10:17 PM |
| 86  | Used my intuition on my mechanism problems. I would never study for them. Wolf-Kishner got me. But I learned a lot by getting it wrong.  | 5/11/2017 10:14 PM |
| 87  | N/A  | 5/11/2017 10:14 PM |
| 88  | Write down the date and day of the week at the beginning of each lecture so that when you're looking through your notes before an exam and don't understand a certain topic, you can quickly search for it in the online lecture recordings!   | 5/11/2017 10:10 PM |
| 89  | Often times during the lecture, I am too occupied with copying down notes that I don't give full attention to understanding what is being taught in the moment. I found it very helpful to go over class notes and rewatch recorded lectures as this would reinforce my knowledge of the material. While studying reaction mechanisms, I printed out the mechanism sheets and put them in plastic sheet protectors. I was then able to repeatedly practice mechanisms easily by using dry erase markers on the sheet protectors. | 5/11/2017 10:06 PM |
| 90  | 1. Halfway through the semester, I figured it out. I rewatched the lectures double speed MULTIPLE times before each test. You have no idea how much this helped. 2. Redo mechanism sheets OVER and OVER and OVER- put them in clear protector sheets and practice them with a dry erase marker over and over and over.   | 5/11/2017 10:05 PM |
| 91  | what the class videos again and make sure you understand everything the professor is saying. If there is something you don't understand, go back in the notes and find the answer or ask a question  | 5/11/2017 10:04 PM |
| 92  | Made flashcards of KRE's   | 5/11/2017 10:04 PM |
| 93  | I watched lecture online much more often than I attended lecture because the class often felt slow paced for me. I could skip through repetitive material or explanations that I personally did not find necessary. I feel that I still learned very much from this course, despite watching a majority of the lectures online rather than in person.  | 5/11/2017 10:04 PM |
| 94  | nope. going over past exams was the key to my success.   | 5/11/2017 10:03 PM |
| 95  | Quizzing one another on the conceptual part of the class. Just constantly ask questions back and forth and whenever to concrete conceptual ideas into our heads and understand what they mean.   | 5/11/2017 10:03 PM |
| 96  | Did as much as I could to avoid unnecessary stress   | 5/11/2017 10:02 PM |
| 97  | Another way I learned a lot and really consolidated my understanding of topics was in the review sessions Dr. Iverson had on the weeks of the midterms (I don't think that was mentioned here).  | 5/11/2017 10:02 PM |
| 98  | Flash cards for all of the reactions!  | 5/11/2017 10:00 PM |
| 99  | It's kind of mentioned in the general category of "website material" but going over old exams for every test (not just the final) helped me SO much  | 5/11/2017 9:58 PM  |
| 100 | N/A  | 5/11/2017 9:58 PM  |
| 101 | Rewatching the lecture after class or within 24 hours helps recap everything that might have been missed in lectures.  | 5/11/2017 9:57 PM  |
| 102 | Rewatch lectures while retaking notes  | 5/11/2017 9:57 PM  |
| 103 | Do not go any farther than 2014 when doing old exams.  | 5/11/2017 9:56 PM  |
|     |  |                    |

| 104 | Even if one midterm is dropped, study and take the exam anyway to avoid a pile of stress for the final. It was hard watching friends have to learn everything that I have already learned, making them behind in studying   | 5/11/2017 9:56 PM |
|-----|---|-------------------|
| 105 | I found trying to make your own synthesis questions by just drawing two molecules helped since it forced me to try different things even if I found that the end product wasn't possible.   | 5/11/2017 9:54 PM |
| 106 | Office hours where people went over the homework together   | 5/11/2017 9:54 PM |
| 107 | Making a 5 page summery of the unit in your own words. This was very important in my success in the class and this is something I would highly recommend. If those 5 pages were allowed to be taken into the exam room with you, what would you want them to contain. | 5/11/2017 9:53 PM |
| 108 | I also attended tutoring sessions from Sanger that offered more of an outside perspective of how to approach problems.  | 5/11/2017 9:52 PM |
| 109 | Pay attention. It's so easy to get distracted in class and to get on your phone or to skip since it's recorded but are you really going to watch the lecture later? Iol. Dr. Iverson is amazing and you will love him. Go to class and pay attention.                 | 5/11/2017 9:52 PM |
| 110 | Struggling with the homeworks is a good thing   | 5/11/2017 9:52 PM |
| 111 | Look over all practice exams  | 5/11/2017 9:52 PM |
| 112 | Do the homeworks twice each until you can do every single problem without a question, watch the recorded lectures to make sure you understand everything, take practice exams!  | 5/11/2017 9:52 PM |
| 113 | I rewatched every lecture online after attending the lecture in class   | 5/11/2017 9:51 PM |
| 114 | N/A   | 5/11/2017 9:50 PM |

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

Answered: 124 Skipped: 57

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

Answered: 124 Skipped: 57

| #  | Responses  | Date               |
|----|--|--------------------|
| 1  | Just to make your website more user-friendly, could you add tabs linking to the "previous" and "next" day on rules of the day? That way you wouldn't always have to go back to the calendar to click on the following day's content.   | 6/2/2017 4:13 PM   |
| 2  | I believe I've heard of tablets to use in the classroom that are easier to use for the professor and to see for students.  | 5/18/2017 1:22 PM  |
| 3  | More teaching, less talking. I honestly don't even remember half the references and jokes you used to make us learn/memorize things, sorry! What do a burger/hot dog and Diet Coke have to do with atomic orbitals? The only thing I used was "the wolf bites little red riding hood's head right off" and that did NOT help at all when it came to doing the mechanism.   | 5/17/2017 11:50 AM |
| 4  | you are perfect, iverson   | 5/16/2017 8:55 PM  |
| 5  | More funny stuff and references to help use remember things such as The Good, Bad, and Ugly or the wolf eating little red riding hood's head.  | 5/16/2017 4:07 PM  |
| 6  | Nothing, keep up the amazing work. Each class was memorable and a lot of fun. One of my favorite classes I have taken at UT. Dr. Iverson is an amazing teach and had a well educated team to back his love and enthusiasm for the class.   | 5/15/2017 9:29 PM  |
| 7  | It's already a pretty great class! There is just an abundance of resources and most students don't/didn't even know where to start, including myself!  | 5/15/2017 12:00 PM |
| 8  | The methods to pass out exams were not the most efficient and clogging up the welch hallway was not ideal. Other than that i cant think of anything at the moment but thank you Dr. Iverson for the lessons you've taught me about chemistry and life  | 5/15/2017 12:10 AM |
| 9  | keep up what you've been doing!  | 5/14/2017 10:56 PM |
| 10 | Loved the class don't change a thing!  | 5/14/2017 7:47 PM  |
| 11 | It was great! Keep being funny, witty and silly!!! More extra credit would be nice :)  | 5/14/2017 6:03 PM  |
| 12 | Emphasize the unassigned homeworks more  | 5/14/2017 2:00 PM  |
| 13 | Can't think of anything!   | 5/14/2017 10:49 AM |
| 14 | The class is amazing. I don't know how to change it.   | 5/13/2017 8:40 PM  |
| 15 | I personally thought the class was of medium difficulty, organic chemistry is difficult subject and Dr. Iverson really made me think about the way to predict instead of memorize. One thing I would change is just making the tests a bit more difficult to challenge the students more.  | 5/13/2017 5:21 PM  |
| 16 | Post lecture notes after class.  | 5/13/2017 5:09 PM  |
| 17 | Private office hours   | 5/13/2017 4:17 PM  |
| 18 | 1. Make the class physically active too by incoporating exercise into lecture. Disguise them as learning tools   | 5/13/2017 3:31 PM  |
| 19 | I genuinely think that the class was the best class I have taken at UT, and I was excited to go to class each day. The only thing I could say is re-emphasizing to students how important the Rules of the Day were, and studying for the final was really interesting beacause all the ideas connected and clicked in my head.  | 5/13/2017 3:23 PM  |
| 20 | (1) I attend your lectures so it wasn't a big problem for me, but students who ask questions do not have a microphone so sometimes listening to the online lectures leaves me in confusion as to what question someone asked/you are answering. If you could repeat the question after they ask it so that those who missed/are re-listening and didn't catch it in class could also catch on. You repeat the question sometimes (just not all) but sometimes it's a mini-conversation that students at the back/not there won't be able to catch. (2) I think a video for exam 2 nomenclature would have been helpful. I know it's all Google-able, but naming for exam 2 was harder than exam 1 in my opinion (and you made one for exam one). Or maybe just a big handout for all naming. I think one was given in MTW but it just gave the priority ranking not necessary how to name amines and what not. I know nomenclature isn't heavily weighted on exams, but it's still points! | 5/13/2017 3:01 PM  |
| 21 | None. YOU ARE AMAZING!   | 5/13/2017 2:00 PM  |

| 22 | Maybe post the problem solving session questions in a more timely manner.  | 5/13/2017 12:09 PM |
|----|--|--------------------|
| 23 | As a pre-health student, I understand the class has to be focused solely on organic chemistry; however, I would love to see more of a connection to synthetic chemistry in industry such as pharmaceuticals or MCAT tested chemistry. Overall, this is one of the best courses I have taken at UT and will continue to support future student taking you class always.   | 5/13/2017 10:34 AM |
| 24 | Incorporate more molecules of the day; there were quite a few classes when we didn't make it to the molecule of the day and that was disappointing because it was my favorite part of the class because it made the material seem important and useful to my future.   | 5/13/2017 12:59 AM |
| 25 | When the class is already this good, there's not much room for improvement! I wish we received a a reaction summary sheet like those from ochem 1 that summed up every reaction we learned this semester, but students can always make this on their own time, so it isn't crucial. Dr. Iverson, thank you so much for making me enjoy organic chemistry. This class empowered me because I felt like I truly understood the material and was able to work through problems on my own, not just by regurgitating information I memorized. Thank you for caring enough about our well-being to spend class time promoting fitness; I have always considered myself too unathletic to run, but this class has shown me that anyone can and everyone should run. Most of all, thank you for the way you handled the tragedy our campus faced at the end of the semester. I already knew you were a great professor, but this proved to me that you are just an excellent human being. I am grateful for your teaching, but I will remember you for your compassion. | 5/12/2017 11:13 PM |
| 26 | You do a great job, Dr. Iverson  | 5/12/2017 6:33 PM  |
| 27 | I love you   | 5/12/2017 6:29 PM  |
| 28 | I honestly think this course was designed perfectly i can't think of anything specific I I would change  | 5/12/2017 6:17 PM  |
| 29 | I absolutely loved the class and it was very enjoyable. It was most certainly one of the best courses i've taken at UT even though the subject matter was difficult. Dr. Iverson's dedication to his students is admirable.  | 5/12/2017 6:01 PM  |
| 30 | I can not think of an area of the class that needs improvement. This class has been the best science class I have taken at UT. Thank you very much Dr. Iverson. You made O-Chem understandable and fun   | 5/12/2017 5:26 PM  |
| 31 | Nothing. Absolutely nothing. This class has been the BEST class I've ever taken throughout my entire academic career. I left the final feeling like I have retained so much knowledge on such a difficult subject. You are an amazing professor, and I can't thank you enough for truly understanding and caring for your students. You and your TAs are incredible.   | 5/12/2017 4:27 PM  |
| 32 | N/A this class is amazing as is!   | 5/12/2017 3:11 PM  |
| 33 | This class was perfectly structured!!  | 5/12/2017 2:13 PM  |
| 34 | I wish that we made more connections. For example, we had a road map and we filled it out before we did carboxylic acid derivatives. I wish that instead we didn't fill it out at fist, but instead filled it out as we went. Like when we learned a new reaction, it'd be better to say "we just went from here to here"  | 5/12/2017 1:50 PM  |
| 35 | The course you designed is perfect, from your engagement in class to the resources you provide to help us succeed. Thank you for everything, Dr. Iverson.  | 5/12/2017 1:23 PM  |
| 36 | this is the most interesting and fascinating class i have taken at ut austin   | 5/12/2017 1:11 PM  |
| 37 | Make videos explaining all of the rules for nomenclature a bit more clearly. I know it's in the book, but is still clearer if explained by you. You made one video doing some examples, but never one just listing out the rules.  | 5/12/2017 1:07 PM  |
| 38 | Create a Piazza for the class so we can ask questions anonymously on Piazza and the TAs, our peers, and you can answer them. This will help in clarifying concepts.  | 5/12/2017 12:46 PM |
| 39 | I think it was perf  | 5/12/2017 12:39 PM |
| 40 | Try to be a little more efficient in your office hours. I feel like only a few questions get answered because of how indepth you go.   | 5/12/2017 12:26 PM |
| 41 | Better organization of mechanisms  | 5/12/2017 12:15 PM |
| 42 | none- this was a challenging but GREAT class !!  | 5/12/2017 11:57 AM |
| 43 | Discussing nitrogen in more detail would have been very helpful in my opinion. I feel like I have a strong grasp on everything besides amines/amides/etc. taking a day to go over how nitrogens react and better learn their "personality" would have been beneficial.   | 5/12/2017 11:54 AM |
| 44 | This class was already amazing, if there were one suggestion I would just say to maybe post a link on the course website for "Commonly Asked Questions From Students" from each unit, but that might be extensive.   | 5/12/2017 11:46 AM |

|    |  | •                  |
|----|--|--------------------|
| 45 | I've never taken a class that offers as much resources or has a much structure as this one. Keep doing what you're doing.  | 5/12/2017 11:21 AM |
| 46 | More dad jokes please Keep your TAs - they're amazing Dr. Iverson - i loved organic chem before I was in your class, but your class solidified my love for it! I really appreciated the Molecules of the Day - it made me appreciate that what I was learning was actually applicable in real life. Chris and Sam - yall are a huge reason that I did decently in this class!! Thank you both SO much for the Tuesday problem solving sessions and for dealing with the first row rascals:')   | 5/12/2017 11:19 AM |
| 47 | N/a, my favorite class/professor thus far!   | 5/12/2017 11:07 AM |
| 48 | Never stop being this enthusiastic about this subject or your students. You truly do change lives and I am not exaggerating when I say that I'm a better person for having taken your class. Finally, I cannot thank you enough for being so understanding of what we were going through as a community these past couple weeks. It's been an overwhelming period of most of our lives and you handled this situation in the best possible way. Thank you for everything, Dr. Iverson.   | 5/12/2017 10:54 AM |
| 49 | Post filled out mechanism sheets on the rules of the day so we won't have to search through the video for it   | 5/12/2017 10:52 AM |
| 50 | It's already an amazing class. Nothing needs to change!  | 5/12/2017 10:32 AM |
| 51 | More Ochem less MCAT   | 5/12/2017 10:01 AM |
| 52 | Have even more songs and clever jokes, really helps make ochem more fun.   | 5/12/2017 9:50 AM  |
| 53 | You've made this class the best it can be; you're the best!!!  | 5/12/2017 9:25 AM  |
| 54 | The class is phenomenal I would honestly say that you've mastered the art of teaching and please never stop. You're incredible I would 100% take this class again even though it was extremely difficult for me I do not regret it becuase I learned a lot not only about ochem but about life.  | 5/12/2017 8:36 AM  |
| 55 | The class format seemed flawless as there was constantly resources to turn to and people to guide you along the way.   | 5/12/2017 8:32 AM  |
| 56 | N/A You provided us with every possible resource we could ever need to be successful. Organic chemistry became my favorite subject because of you and I'm sad to see it end.   | 5/12/2017 5:38 AM  |
| 57 | impossible. best class ever!   | 5/12/2017 2:51 AM  |
| 58 | Time capsules were actually very helpful in hindsight, but at first I thought they were pointless since they were not emphasized when we revisited them in class. You could connect those dots more clearly.   | 5/12/2017 2:04 AM  |
| 59 | Final Exam Review Session TAs' Own Office Hours (maybe)  | 5/12/2017 1:35 AM  |
| 60 | DR. IVERSONYOU WERE THE ABSOLUTE BEST. You've probably heard this many, many times before, but you have been and probably will continue to be the best teacher that I have ever had. You made this class extremely fun with your dad jokes, weird (but absolutely relatable!) examples, and real-life applications. You are such a genuine, kind person. You are AWESOME! Keep doing what you're doing. P.S. Is it weird that I had a dream that we were best friends?   | 5/12/2017 1:34 AM  |
| 61 | Honestly I'm quite happy with the way the class is set up. There is ample opportunities to get your questions answered and the class is formatted in an organized way. Unless you don't go to class, it's actually hard to fall behind and not know what you're doing. The material and the expectations are all stated explicitly. Keep up the good work!!!   | 5/12/2017 1:16 AM  |
| 62 | IT WAS PERFECT!! You're the best Dr. Iverson!!!  | 5/12/2017 1:03 AM  |
| 63 | post the written lecture notes online if possible  | 5/12/2017 12:41 AM |
| 64 | Nothing!!!!  | 5/12/2017 12:37 AM |
| 65 | The class is already amazing, but perhaps show the more difficult examples of problems in class so that the homeworks are easier.  | 5/12/2017 12:36 AM |
| 66 | Honestly, I truly believe this class is perfect. From the daily office hours to the unlimited amount of study resources, Dr. Iverson and the TAs invest so much time to give you the things you need, you just need to take advantage of the opportunities and resources given to you. One minor improvement may to make the answer keys all match and have the correct answers. Most of the keys are correct however there are a few that are not such as a few keys don't have examines protonated when in acid but like I said those are very small details. Overall this course is impeccable and I would recommend it to people that don't even need ochem 2 just so they can experience a remarkable professors and TAs on the 40 acres. I truly am grateful to have had the opportunity to have Dr. Iverson as a professor and the TAs were top of line brilliant teachers. Thank you for a great semester all of you will truly be missed. | 5/12/2017 12:32 AM |
| 67 | I know constructive criticism is always good, but I honestly can't think of anything The class was amazing!  | 5/12/2017 12:25 AM |
| 68 | You are super awesome Iverson! Honestly, I have never had a professor or teacher that has cared so much for their students before!   | 5/12/2017 12:25 AM |

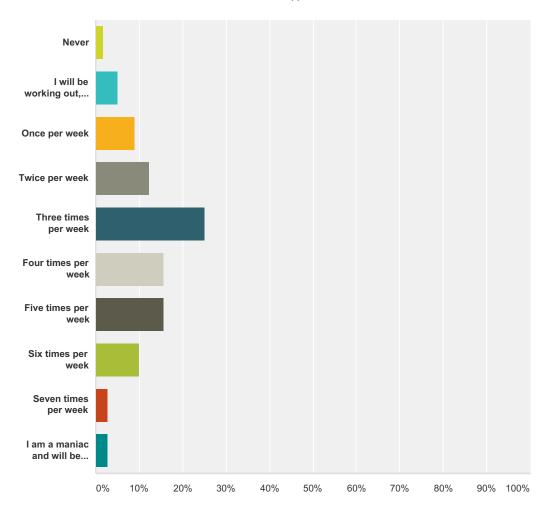
|    |  | •                  |
|----|--|--------------------|
| 69 | N/A - the class was taught exceptionally well by a truly extraordinary professor   | 5/12/2017 12:17 AM |
| 70 | NONE!! You have been AMAZING!!!  | 5/12/2017 12:03 AM |
| 71 | The word "incidents" is misspelled as "incidencts" on the exams. This bothered me to no end, but other than this, I really can't think of anything that can improve the class off the top of my head. The class was extremely well structured, and also very well-timed, which made the material really come naturally. Thank you for a great semester.  | 5/11/2017 11:57 PM |
| 72 | Stay on relevant topics more often during online office hours  | 5/11/2017 11:49 PM |
| 73 | You are already the best   | 5/11/2017 11:48 PM |
| 74 | Keep it the same!  | 5/11/2017 11:46 PM |
| 75 | There probably are ways to make the class better but I can't think of any right now because I enjoyed the class so many times  | 5/11/2017 11:46 PM |
| 76 | You're pretty amazing, it was a great class.   | 5/11/2017 11:35 PM |
| 77 | Exam shorter   | 5/11/2017 11:26 PM |
| 78 | I know I'm only a sophomore and I haven't attended many classes here at UT, this organic chemistry course was more organized than any other course I attended here and by a very large margin. The only issue I can see with the class is that people sitting on the right side of the class have had issues with the projectors and vision (WEL 2.224) but I am sure that you have taken this into consideration multiple times. Other than that, I can only commend you for having the best class and the best TA's. Never in my life have I thought that I will miss a college class.   | 5/11/2017 11:18 PM |
| 79 | In my honest opinion, you make a very difficult subject insanely fun to learn by making us take an active role in our learning and by your genuine enthusiasm for teaching it. It was an honor to be in your class this semester. With that being said, there aren't any ways that come to my mind to improve the class since it's already amazing.  | 5/11/2017 11:03 PM |
| 80 | Keep listening to student feedback and ideas and implementing new changes, keep office hours, spend 5-8 minutes of office hours doing a short quiz on material that should be memorized sort of like a drill, when filling out mechanisms share your thought process of how you know which mechanistic element is next, also share some common patterns that you have noticed in mechanisms that come time after time  | 5/11/2017 11:02 PM |
| 81 | Maybe stress that there won't be two boxes on the exam for resonance structures like there are mechanism sheets? That's my only complaint because it threw me for a loop.  | 5/11/2017 11:01 PM |
| 82 | Stressing about wolf kishner more.   | 5/11/2017 10:51 PM |
| 83 | Make sure the microphone is used during hours that are recorded, I can not overstate how helpful they were to watch repeatedly. One thing is to make the website is a bit more clear on where to find material (especially supplemental videos) Lastly, I appreciate the emphasis on running but I think a point you could add, WHO you run with that makes a difference (you yourself said your wife was a huge factor in your running, many speakers had that one person) I began running because I could do it with someone who loved running and was there to encourage me to continue, I kept thinking was "how would electrons run? In pairs." | 5/11/2017 10:48 PM |
| 84 | I can't really think of anything! Thanks for helping me realize I can do organic chemistry:)   | 5/11/2017 10:43 PM |
| 35 | You're the best professor I've ever had.   | 5/11/2017 10:40 PM |
| 86 | More reactions and more mechanisms!!! Ochem is so fun!!  | 5/11/2017 10:36 PM |
| 87 | Can't think of anything. Hands down best and most inspirational professor at UT! Thank you!  | 5/11/2017 10:29 PM |
| 88 | Ensure that in online recorded exam reviews/office hours (not the live office hours, those always have the material visible), the materials/problems being discussed are visible in the recording (on the screen that is visible online)   | 5/11/2017 10:28 PM |
| 39 | Can't think of anything. You're the best Dr. Iverson! Thank you for inspiring me to work out/run more often. Where are the electrons???:)  | 5/11/2017 10:27 PM |
| 90 | It's already perfect. Your lectures were the most engaging I've ever attended at UT. Maybe for learning sake, try to cover overall reaction when doing mechanisms particularly for the ones in the second exam. Some mechanisms we only looked at in the mechanism sheet but barely mentioned in notes.  | 5/11/2017 10:26 PM |
| 91 | Some of the stuff from the last lectures could be removed. Otherwise, nothing would make the class better, as it is already perfect.   | 5/11/2017 10:24 PM |
|    |  |                    |

| 92  | The third exam and the final lacked truly challenging problems that really tested our understanding organic chemistry. I think that it is unfair for you as a professor not to reward the students who took the time and effort to understand the material on a deeper level. You spoke in class about Bloom's taxonomy and how organic chemistry touches on the higher levels of learning, but I think if we are being honest, there were only a handful of problems that exceeded the application level. You are a phenomenal professor and I believe that you have adequately prepared us to access higher order thinking, but I think it is important for the exams to reflect this philosophy rather than emphasizing memorization and simple application. | 5/11/2017 10:22 PM |
|-----|---|--------------------|
| 93  | Please keep the same routine that you did with our class. I loved it.   | 5/11/2017 10:20 PM |
| 94  | Honestly, you can't make it any easier. You make it as fun and entertaining as possible which helps retain the material batter. Mr. Bill is the perfect example. I honestly think I will never forget that reaction. Thank you! You are the best!   | 5/11/2017 10:17 PM |
| 95  | - Keep listening to students - Keep being approachable - Keep being positive - Thank you for the best course I've taken   | 5/11/2017 10:14 PM |
| 96  | N/A: I thoroughly enjoyed this class. To date, this is the best class I've taken here at UT.  | 5/11/2017 10:14 PM |
| 97  | more goat videos  | 5/11/2017 10:10 PM |
| 98  | Make the homeworks not a completion grade anymore and grade them harshly like you did for the first 3 homeworks.  | 5/11/2017 10:10 PM |
| 99  | There is already a KREs chart that contains most of the reactions covered during the semester, but there are various reactions that are not included. As a student that finds it significantly easier to study when the reactions are grouped together in one place, I think this would help.   | 5/11/2017 10:06 PM |
| 100 | MORE EXAMPLES!!! ie. with mechanism sheets and recovering reactions a few days after we already learned them.   | 5/11/2017 10:05 PM |
| 101 | I though you did an amazing job as a professor. I would not have been able to do as well otherwise. Thank you   | 5/11/2017 10:04 PM |
| 102 | N/a all the material offered for Thai class was very helpful and each lecture was engaging and interesting!   | 5/11/2017 10:04 PM |
| 103 | I felt that the exams sometimes tested whether or not we could memorize the material rather than if we understood it.  This was mainly in the true/false or full-in-the-blank sections of the exams.  | 5/11/2017 10:04 PM |
| 104 | Nothing! You were a great prof and have changed the way I approach ochem and other difficult topics. Getting a firm understanding is so much better than memorizing and then brain dumping!   | 5/11/2017 10:03 PM |
| 105 | Keep doing what you're doing, it's working.   | 5/11/2017 10:03 PM |
| 106 | N/A   | 5/11/2017 10:02 PM |
| 107 | None  | 5/11/2017 10:02 PM |
| 108 | I loved this course and I love Dr. Iverson and the energy and charisma he brought every day. Never change, keep on being you.   | 5/11/2017 10:02 PM |
| 109 | Provide more opportunities for students to meet with you in small groups - I realize this is probably impossible with the size of the class and with your busy life, but a smaller office hour setting often helps me learn better since the discussion is more focused and it's hard for me to zone out (whereas in the large classroom office hour I can zone out and not feel too bad about it)  | 5/11/2017 9:58 PM  |
| 110 | The class worked for me. Can't think of anything I would change.  | 5/11/2017 9:58 PM  |
| 111 | For me, the one thing that I didn't understand completely through lecture but through office hours was that good groups bring electron density in making benze a better nucleophile and thus it becomes easily to react with an electrophile vs bad or ugly groups which make benzene less of a nucleophile. Also, I think it would be better to say that bad groups are good leaving groups because they are better able to stabilize the negative charge.   | 5/11/2017 9:57 PM  |
| 112 | Organize your website better.   | 5/11/2017 9:56 PM  |
| 113 | RECORDED LECTURES, OFFICE HOURS, ETC - REPEAT THE QUESTIONS THE STUDENTS ASKS for the viewers back at home :-)  | 5/11/2017 9:56 PM  |
| 114 | The class is so phenominal! I think making small videos outside of class about nomenclature would be helpful, so students could watch and learn it if they wanted to.   | 5/11/2017 9:53 PM  |
| 115 | You can't. You are the perfect professor.   | 5/11/2017 9:53 PM  |
| 116 | At times, I felt that it was incredibly hard not to get lost and fall behind. I think maybe having a more comprehensive review session of OCHEM 1 material may be beneficial in the beginning as I felt that my footing started out shaky which sort of set me behind during the semester! However, I did feel that I eventually caught the wave!   | 5/11/2017 9:52 PM  |
| 117 | You did absolutely everything to make this class enjoyable with little old man jokes and even giving us days to just try and help us absorb the material. Thank you for helping me learn OCHEM and actually ENJOY the class.  | 5/11/2017 9:52 PM  |

| 118 | Hogg Memorial Auditorium was a bad Final Test environment   | 5/11/2017 9:52 PM |
|-----|---|-------------------|
| 119 | You are the most awesome professor I have ever had. I can't think of a way it can get any better. You were very inspiring and convinced me enough to run in my first marathon! I loved every lecture you gave. I was amazed at how you were able to connect ideas together to better help us learn concepts. Like Mr. Bill H-O-N=O wow amazing connection I will remember that one for the rest of my life! | 5/11/2017 9:52 PM |
| 120 | This might be a LOT of work for you, Dr. Iverson, but if you could make a list of every single reaction we cover (like the KRE chart but with ALL the reactions and caveats that go with them like "don't use this with base") that would be super helpful!   | 5/11/2017 9:52 PM |
| 121 | None. You rock  | 5/11/2017 9:51 PM |
| 122 | this class was amazing and i am so glad i was able to be a part of it   | 5/11/2017 9:51 PM |
| 123 | Honestly, you are a truly amazing teacher, and I believe that you have everything perfect.  | 5/11/2017 9:51 PM |
| 124 | N/A   | 5/11/2017 9:50 PM |

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

Answered: 179 Skipped: 2



| Answer Choices   | Responses |    |
|--|-----------|----|
| Never  | 1.68%     | 3  |
| I will be working out, but less than once per week on average        | 5.03%     | 9  |
| Once per week  | 8.94%     | 16 |
| Twice per week   | 12.29%    | 22 |
| Three times per week   | 25.14%    | 45 |
| Four times per week  | 15.64%    | 28 |
| Five times per week  | 15.64%    | 28 |
| Six times per week   | 10.06%    | 18 |
| Seven times per week   | 2.79%     | 5  |
| I am a maniac and will be working out more than seven times per week | 2.79%     | 5  |

Total 179