Study Goals: Organic Chemistry



Exam Weight:	Days Until Exam:		
Reflect on your study habits using the suggestions below Have you tried some of them? What worked and what didn't? Ready to try something new? Check off which tasks you'd like to accomplish in preparation for your Chemistry exam.			
_	Drganization nake it easier to find information, as well as help you study in more effective w f creating organized notes helpful for your understanding process.	ays. You may also	
(For example:	nsed and organized summary guides on different topics you can organize reactions based on the major functional groups. organize reactions based on whether or not they have the same starting hal product.)	0	
	on concept maps to help you visualize the big picture you see how functional groups convert between one another.)	\bigcirc	
(Suggestions i starting mate	wings organized and clear nclude colours to distinguish between rials, reactants, and products. Also, it may be helpful to highlight the er to keep track of them.)	0	
Try using cue	cards – they can be useful for studying reactions and mechanisms		
For conceptual co	n/Understanding urses like organic chemistry, it is important to review the material regularly so ngage with the material.	that you can fully	
(For example:	damental concepts in mechanisms what bonds are broken and formed? Where do the arrows originate re do they point to? What specific atoms and electrons are involved?)	0	
	nds and understand them, rather than simply memorizing them trends in reactivity, solubility, basicity/acidity etc.)	\bigcirc	
•	each step is necessary in reactions s step done here? What is its purpose in forming the product?)	0	

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Self-Testing

There are many possible ways to self-test and encourage deeper learning with the Organic Chemistry course material, however, most students don't allow enough time for this study step. Aim to prove to yourself that you understand AND remember the course material, and can apply it in unique situations.

(To further test your understanding, ask yourself brown what kinds of reactions can occur with 'x' starting r	pad questions like,	
Test yourself with your cue cards – cover up certain (starting materials, reactants, products), and see if y		
Explain concepts and question solutions out loud to	a friend/PAL peer/yourself	
Work on identifying and improving areas of weakne	ss, by doing practice problems	
Tackling a Problem When approaching organic chemistry synthesis problem	ns, here are some important aspects to remember:	
Stereochemistry & functional groups of the reactant	t	
Reaction catalyst & conditions		
Type of reaction		
Reaction mechanism	\circ	
Stereochemistry & functional groups of the product		
Helpful Tips		
These are some final reminders to help you achieve succ	cess in your organic chemistry course.	
Stay caught up with lectures and preview lecture ma (This is very important because organic chemistry bu		
Study with your molecular model kit to understand (Understanding how to use your model kit also save	9	
Review your labs (prelab, procedure, results) to ens (Labs help to emphasize important concepts learned	•	
Practice both comprehension and application quest (Such questions can be found in the textbook as well	, ,	
If you need assistance with a concept/question, see (Go to the professor, TA, Chemistry Resource Room of the professor)	, ,	