Extra Credit Assignment – Make a YouTube Video on an Organic Concept

Choose an organic concept we have covered (or several) and make a video on this content. Your goal is to make sure the content is accurate, teaches the viewer something, but in a way that is new, updated and technologically advanced. Yes, of course it can be funny (otherwise, this assignment will be way too dull for us to watch them all!).

You can choose to make a parody of a song, a movie scene, or make up a skit. You can choose to make a video, animation, text-to-speech (e.g. http://www.xtranormal.com or the like), Claymation (?), puppets, paper mache, stuffed animals; do whatever you want as long as it is original, demonstrates acquired knowledge, and is accurate.

The movie should be more than 3 minutes but less than 6 minutes (unless you really want to do a particular song that “must” be longer than 6 minutes because it will otherwise ruin the situation). The video should not just be a teaching lesson, you lecturing on a topic, but a unique way to present the material.

You can break up into groups of at least two but no more than five students. If you do not know someone in the class, I suggest going to discussion and finding partners to work on this. For example, a group of five will allow one person to film and four people to interact. All people in your group should take part of the planning. You will be asked to hand in a document telling what parts each person did toward the success of this project and sign off on the authenticity of the information.

You can earn UP TO 20 points extra credit. Points will be assigned based on amount of content demonstrated, contextual accuracy, originality, and creativity. You do not have to make a professional quality video. Use your phone, camera, flip-camera or check one out from the Well’s Library. Just try and have fun.

Your video is due on or before December 5, by noon, to my office (C021) on a disk or posted on You Tube under the name IU-Chemistry C341 – followed by whatever name you want. Send me and email with the link so that we can find it easily. There is no expectation that your video must go up on YouTube (hence, giving it to me on a disk), but I hope some of you will want to do this.

I think you should feel free to use chemistry lecture halls after hours as long as they are not in use. Please, not swear words, lascivious or rude behavior; you can have a lot of fun without being crude. Use your imagination and have fun. Try hard to show what you know and how to demonstrate this knowledge.

To help you get started, you could shoot videos on the following concepts:

- Acid-base reactions
- Newman projections and bond rotations
- Chair flips, lower and higher energies, reaction potential diagrams
- Stereochemistry and isomers
- SN1 versus SN2
- E1 versus E2
- Reaction mechanisms such as alkenes/alkynes when we get there
- A mixture of concepts if applied correctly

Remember, this is not a mandatory assignment, but only a pedagogical device during which you will hopefully learn more, demonstrate some knowledge cleverly, learn some teamwork skills and have some fun.

http://www.youtube.com/create
(Other resources on making video clips!)