

Standing opportunity to improve lab grades.

So, a few of us haven't done so well on the lab interviews. I'd like to open the opportunity for extra credit applicable to each lab.

Many of us like to learn by watching videos through services such as YouTube. One of the big challenges for this course is that so little of the concepts covered in this course are available on YouTube. I'd like to change that.

Please note that to receive credit for this assignment you do not HAVE to publicly share your video but I would really greatly appreciate it, as would many future students of CSCI 3155 here at CU.

Each submission will require that you complete a option for release form and a grading form (seen in the same folder as this item on Moodle)

I'm open to other options here, but this is what I have in mind:

- Look at a lab that you would like to increase your grade in
- Consider which topic you struggled with the most
- Create 2 exam level questions on that topic (it's fine if this topic wasn't covered in our exam... if anything it is better if it wasn't covered in our exam)
- Create solutions to those questions
- Designate one of them as a guided item. And the other as an exit test.
- Develop a few easier questions and solutions on the topic
- Create a video that explains the explains your topic thoroughly.
 - o Lay out the problem space
 - Define any terminology you are using
 - Help people understand what your video will and will not cover
 - o Walk through the easier examples
 - o Consider asking the viewer to pause the video and try a problem or two on their own.
 - o Use the guided item, as a tool during your video to prepare the viewer for the exit test
 - o Somewhere in the video present a few facts about the topic that are beyond the scope of our course
 - this will require you to research the topic a little bit. Feel free to ask on piazza in the "Other" folder for advise here
 - this could be historic facts on the topic
 - or fancy sugar provided in the language
 - or alternate paths for solving the problem
- Upload the video to YouTube, lock it with a password if you do not want to share it publicly
 - o In the description of the video post:
 - Intake question/guided question
 - Without solution
 - With solution
 - Exit question
 - Without solution
 - With solution
 - Any other tools you want the viewer to have

- list of references used in some reasonable format (use whatever you can get freely from a citation machine, I don't really care just so long as we aren't plagiarizing and the report is consistent)

Deliverable:

- Physically submit your grading rubric with all information on how to access your video
- Physically submit you option to release the video publically