

# Lab 5: grading rubric

## CHEM 212

     /40 pts total

     /5 pts *Procedure and Measurements (prelab)*

     /20 pts *write-ups*

     /3 **Abstract-** summarize all major points lab writeup in ~250 words

3- Concise summary of experiment, results, and conclusions

1- wordy, unfocused or incomplete summary

     /5 **Introduction-** description of why you are doing this experiment

**Describe how FT-IR spectroscopy works: Physical phenomena probed, how it is applied, and hand-draw an FT-IR diagram and label the function of each part**

     /5 **Results-** Showcase your processed data- describe what you found

5- clear, appropriate calcs compiled in tables; concise description of findings

3- small issues with calculations, presentation, or description

1- substantial issues with calculations, presentation, or description

     /5 **Questions/Discussion-** What do your results mean?

5- clear, concise, thoughtful responses to questions or discussion of results

3- small issues with responses to questions or discussion of results

1- substantial issues with responses to questions or discussion of results

     /2 **Conclusions-** Sum it up

3- clearly enumerated conclusions follow from discussion

1- unfocused, unclear, or conclusions do not follow from previous text

     /15 pts *Spectral Interpretation*

Bands assigned correctly, logical interpretations