CHEM 333L

- Assemble fractional distillation apparatus.
- Use glass beads or Copper turnings to pack the fractionating column.
- Add 50:50 mix of Cyclohexane/Toluene to the distilling pot.
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Record everything you do as you do it. Your laboratory instructor will consult your journal at some point during the lab and it is expected that your notebook will be up to date.

(To Be Completed After The Lab)

Report Yields: You should calculate the Theoretical, Actual and Percentage Yields or Percentage Recovery for the experiment. Any additional data analysis indicated in the laboratory manual should be performed.

Conclusion: You should draw appropriate conclusions from your observations. Does the evidence support your claim to have synthesized the desired product, etc.? Analyze the physical data, chromatograms and spectra. Do not include phrases like; "I liked this lab because ...", "I learned a lot ...", or "This was a stinky experiment ..".

Literature Citations: If applicable, cite any literature sources consulted.

Post Lab Questions: Answer, at this point, any post lab questions posed in the laboratory handout.