NATS 1211

LABORATORY

INSTRUCTOR: DR. RONALD NOHR
Lab Book: Catalyst by Ron Nohr

TEACHING ASSISTANTS:

Debbie Mitchell – Debbie.Mitchell@du.edut
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Tuesday 2-5 & 7-10
Thursday 2-5 & 7-10
Monday 2-5 & Friday 9-12
Wednesday 2-5 & 7-10
Monday 7-10

The schedule of experiments for the quarter is attached. Please read the assigned experiment before you come to the lab. For your safety and the other students in the lab this is very important. There will be a quiz covering the content of the new experiment at the beginning of each lab.

THE FOLLOWING LABORATORY RULES WILL BE IN EFFECT AT ALL TIMES:

1. Wear the proper attire; shoes (no sandals); gloves when necessary; no shorts
2. Safety glasses must be worn at all times.
3. No flames or smoking in the lab.
4. No food or drink allowed in the lab.
5. No horseplay allowed in the lab.
6. Keep all work areas clean and orderly. This includes your work area and the balance table and the hoods. Before you leave the lab be sure these areas are clean.
7. No student is allowed in the lab. unless a TA is present.
8. You must be on time for the lab. If you are more than five minutes late the TA will ask you to leave.

REPORTS:

Formal typed reports will be due one week from completion of the lab. The reports will take the following format:
Title of the Experiment
Your Name and your Partner’s Name

Introduction

Observation

Data

Calculation (if required)

Results

Discussion

Conclusions

Exercises (if problems are assigned)

GRADING:

Report 20 points .......................................... 140 points
Quiz 5 points ................................................. 35 points
Lab Technique for Quarter 25 points ........... 25 points

Total 200 points

Late reports will be down graded 5 points per day.
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<th>Week Of</th>
<th>Experiment</th>
<th>PAGES IN LAB BOOK</th>
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<td>Handout</td>
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<td>Sept. 22</td>
<td>Undoing Mountain DewTM</td>
<td>101 – 109</td>
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<td>Sept. 29</td>
<td>Analysis of Commercial Vinegar</td>
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<td>Oct. 6</td>
<td>From Soap to Fatty Acid</td>
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<td>Oct. 13</td>
<td>Colligative Properties</td>
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<td>Household Acids and Bases</td>
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