**Catalase Lab- Common Mistakes (and resulting loss of points)**

1. **Pre-lab** not attached or completed

**LAB HANDOUT: Day 1 of Lab**

1. Tables not completed (some were incomplete or not legible)

2. Questions (p.4) not answered appropriately (or no answer at all)

3. Graphs

 A. No title (or inappropriate)

 B. Not scaled appropriately or uniformly

 C. Did not use as much of the graph as possible

 D. Wrong type of graph

 E. Axes not labeled and/or no unit

 F. No legend (caption)

4. Question #7: Not written as a FRQ.

 A. Did not refer to data to make justification (or no justification at all)

 B. Incomplete sentences; incomplete thoughts- hurriedly done

**FORMAL LAB: Day 2 of Lab**

1. Formatting: Font and spacing- Follow APA rules!

 A. Title Page- Mistakes

 1. Running Head

 2. Inappropriate title

 3. Name, Date, etc.

 a. not centered according to APA ‘rules’ and/or not properly spaced

 b. not all required info was given on the page

 B. Abstract- Mistakes

 1. Not on its own page

 2. Either too lengthy or too short

 C. Hypothesis- Not clearly stated or outside the parameters of the experiment.

 D. Methodology: Materials & Procedure (not enough detail or unclear)

 E. Results: Charts (Tables) and Graph(s)- Either missing entirely or not properly done.

F. Discussion and Analysis: What you must accomplish- You must ‘restate’ data (meaning a ‘summary’ of it) in sentence form. You must then analyze the data based on scientific principles and evidence…meaning, justify what the data “means”. Explain sources of error and how the experiment could be improved.

G. Conclusion: Reminder- Only a short paragraph stating whether the data was supported by the hypothesis (or not) and briefly why (or why not).