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| **BIOL 125 Lab Notebook Rubric** | | | | | |
|  | **4** | **3** | **2** | **1** | **0** |
| **Basic Structure** | The notebook includes a Table of Contents. Each entry contains a date, title, procedure and results. | The notebook includes a Table of Contents. The date, title, procedure, or results is missing from a few entries. | The Table of Contents is missing **OR** the date, title, procedure, and results are missing from most entries. | The Table of Contents is missing **AND** the date, title, procedure, and results are missing from most entries. | The lab notebook is not formatted as directed. |
| **Procedures and Protocols** | A comprehensive and accurate step-by-step accounting of the protocol is provided in each entry. Entries are written in third person and not directly copied from the lab handout. | The procedures are accurately described in a step-by-step manner, but some details are missing. **OR** One or more entries were directly copied from the lab handout. | The procedures are described. However, in several areas, the description is inaccurate or vague. Several entries may be directly copied from the lab handout. | Protocols are not described step-by-step. Descriptions of the protocol lack detail or are incomplete. | The procedures are missing from multiple entries. |
| **Results** | All relevant data and pictures are included in each entry. Pictures are labeled, and results are summarized accurately. | All relevant data and pictures are included in each entry. A description of the results is provided but lacks some details. | All relevant data and pictures are included, but the results are described briefly or inaccurately. **OR** Primary data are missing from 1 entry. | All relevant data and pictures are included, but the results are not described. **OR** Primary data are missing from 2 entries. | Results are missing from 3+ entries. |
| **Analysis and Interpretation** | An interpretation of the results is provided in each entry, and the rationale for that interpretation is clear. Unexpected findings and issues encountered during the experiment are described. | An interpretation of the results is provided in each entry. The rationale for a particular interpretation is provided but requires additional detail. | An interpretation of the results is provided for most entries. The rationale for a particular interpretation is usually provided but may be unclear. | An interpretation of the results is provided for most entries, but the reasoning for that interpretation is not described. | An interpretation of the results is missing from most entries. |
| **Effort and Completion** | The lab notebook was submitted on time. All entries are present and were drafted at the time of the experiment. |  | The lab notebook was submitted. One or more entries are missing or were drafted immediately before submission. |  | The lab notebook was not submitted or is blank. |

**Total = \_\_\_\_\_\_\_\_ / 20 points**