To BIOL 104 lab students,

    For the lab today on “Lung Function,” in addition to a lab test at the beginning of the next lab, a lab report is also due.  The lab report does not consist of pages from the lab manual, but should follow the format and content below.  Each student is responsible for preparing and submitting a separate, independent lab report for the exercise "Measuring Lung Capacity" you did (see page 41 in the lab manual).  Reports are to be typed and printed, rather than hand written, and hard copies are to be submitted to me at the next lab.  Follow the format below, and explicitly label all sections of the report.

1) Title.  Give the title of the lab, your name, your lab section, and the date of the lab.

2) Introduction. Explain the objectives of the lab exercise.

3) Materials and Methods.  Describe the procedures you followed in order to meet the objectives.

4) Results. This section should contain your data (e.g., the values you put into lab manual table 6-3). Define the terms used.  A copy of the illustration of lung volumes would be helpful (and was given out in lab).  See
<http://raywinstead.com/TotalLungCapacity.docx>

5) Conclusions and Discussion. Draw your conclusions directly from the data and results collected.  Relate your conclusions back to the original objectives.  Point out any specific trends that may have occurred, as well as unexpected abnormalities or variations.  What were you expecting to happen and why?  What did happen, especially in comparison to your expectations?  This is the place to put any additional comments about the lab.

R. Winstead