

100 pts Lab #2 Notebook Grading

THE FOLLOWING ITEMS ARE REQUIRED:

- Student's work reproducible from notebook.
- Title and date for each lab section.
- Written in ink.
- Student signed every page.
- Student dated every page.

20 pts EXPERIMENT 1:

5 pts (1a,b) Built circuit with potentiometer.

12 pts (1c)

5 pts Comparison of measured voltages with textbook Fig. 3.25d.

2 pts V_{DO} value

5 pts Explanation of the effect of R. Graphs present if applicable.

3 pts (1d) Statement about square wave.

30 pts EXPERIMENT 2:

5 pts (2a) Built circuit with potentiometer.

5 pts (2b) Comparison of measured voltages with textbook Fig. 3.27b.

10 pts (2c) Explanation of the effect of R. Graphs present if applicable.

10 pts (2d) Explanation of the effect of C. Graphs present if applicable.

50 pts EXPERIMENT 2:

35 pts (1) Circuit operates correctly (Fig. 6)

8 pts (2) Explanation of volume control.

7 pts (7) Maximum current draw for both positive and negative supplies and what condition that were measured.