

100 pts Project #3 Lab Work: Get this checked by your TA

25 pts NOTEBOOK:

- 5 pts 1. Check that their lab notebook is organized.
- 10 pts 2. Description of the project.
- 10 pts 3. Description of the design work.

75 pts PROTOTYPE:

- 10 pts 1. Verification that the gain is at least 70V/V amplification (gain can be between 66.5V/V and 73.5V/V).
- 20 pts 2. Must have at least 1 MOSFET amplifier.
- 20 pts 4. Correct amplification at their midband gain.
- 5 pts 5. Correct amplification at 200 Hz. – can only be 3dB below midband gain
- 5 pts 6. Correct amplification at 22 kHz. – can only be 3dB below midband gain
- 10 pts 7. Verification that the amplifier works with the microphone/speaker circuit.
- 5 pts 8. Verify that the circuit does not distort the voice signals.