

CPEG 222 – Project 4 Demo Grading

1. Record/Playback Sound Quality: 40 pts

This part will be done using the Record mode and a sampling rate of your choice. You will speak into the microphone and record your voice. The TA will play back the recorded sound several times to judge quality.

- 40 pts if sound is POTS quality
- 35 pts if fairly good
- 20 pts if fair
- 10 pts if intelligible
- No credit if unit only hisses

2. Playback Different Rates: 20 pts

Using a sound record obtained in # 1 you will demonstrate playback at two different rates.

- 10 pts for demonstrating playback using a double rate
- 10 pts for demonstrating playback using a half rate

3. Sampling Duration: 20 pts

Using the recording from part 1.

- 4 pts awarded for every second of sound recorded and played back.

4. Operation: 10 pts

5 point deduction for each item not satisfied. Max deduction = 10 points

- Push buttons start Record and PlayBack
- LED turns on during Record.

5. Customer Satisfaction: 10 pts

Your customer (the TA) will award a maximum of 10 points that reflects his/her satisfaction with your project. A 10 point deduction for each item below will be assessed. Max deduction = 10 points

- Messy wiring
- Unfamiliarity with any aspect of your project
- Late for your demo
- Poorly presented demo

Other

Your project notebook must be turned in at the time of your demonstration. No documentation will be accepted after the demo. The total project grade is 25% design notebook and 75% demonstration.