Extra Bonus Opportunity – Sabrina White

In this extra bonus opportunity, please start to draft the reflections for your learning experiences you have had.

(1) Learn from the posted videos. We have many videos on D2L. Pick some and watch. What you have learnt from those videos. Please watch five of them and use a table to summarize the videos.

Video Name	Video URL	What you have learnt from the video	Any questions not answered through the videos?
Construction of a Zobel network for audio amplifier	Construction of a Zobel network for audio amplifier (youtube.com)	I learned that a Zobel network is a filter class that takes care of fixing the transfer of impedance. I also learned that the Zobel network consists of a resistor and a capacitor in series and an inductor and a resistor in parallel.	Can one network be connected to multiple amplifiers?
A neat little LM386 Audio Amplifier Kit for just $2 – so is it Bad or a Bargain?	A neat little LM386 Audio Amplifier Kit for just $2 - so is it Bad or a Bargain? (youtube.com)	I learned that if there is nothing connected to pins 1 and 8, then internal resistance sets the gain at 20 dB. If there is something connected	none

		between them, then this gain is changed.	
DIY Deep Bass and Treble Volume controller-How to make heavy bass and treble for diy amplifier	DIY Deep bass and Treble Volume controller-How to make heavy bass and treble for diy amplifier (youtube.com)	I learned how 3 potentiometers, 2 resistors, and 2 capacitors could be used to create deep bass and treble volume controller. The proper connections were shown.	What is the purpose of some of the other components used?
Tone and volume control + microphone preamplifier	Tone and volume control + microphone preamplifier - YouTube	One thing I learned in this video is that the proper soldering technique is to connect everything at the same time. I also learned some troubleshooting techniques.	What is a jumper?
Which amplifier class is the best?	Which amplifier class is the best? (crutchfield.com)	Here, I learned that amplifier class is based on the way an amplifier combines power and signal. I also learned that class D is the best class because they are efficient and smooth.	Is the class of an amplifier on the chip?

(2) Provide me some feedback for how to make our class better, any feedback will be highly appreciated to make sure you are successful for our class.

I think that more practice problems in class could be beneficial. The derivations done by the students is always very helpful.