

Extra Bonus Opportunity

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

- (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.

<https://www.youtube.com/watch?v=8YPX1gZGyJg&t=116s>

Video Name	Video URL	What you have learnt from the video	Any questions not answered through the videos?
How to discharge a capacitor – Electronics Tutorial for Beginners	https://www.youtube.com/watch?v=8YPX1gZGyJg&t=116s	It is very important to use proper safety measures when discharging capacitors. After applying PPE, use a discharge pen by attaching the two nodes to the ends of the capacitor. A dangerous way to discharge a capacitor is to use an insulated screwdriver	No

Make the PERFECT LM386 audio amplifier?	https://www.youtube.com/watch?v=P4GsoMTv-SY	I learned all the required components needed to build the audio amplifier, as well as the schematic of the circuit. The video showed how to implement a potentiometer and how to build the circuit. It also showed how to test the circuit and stop the device from clipping.	No
LM386 audio amplifier and proper ground layout	https://www.youtube.com/watch?v=IBGE5lwbruE&t=340s	This video taught me the proper ground layout for the LM386 circuit. The schematic and the building process of the circuit helped me learn how to wire the circuit components and their relationships.	No
FE Electrical Exam Type Question, RLC Op-Amp Circuit, Active filters using Op-Amp, Op Amp RLC Filter	https://www.youtube.com/watch?v=zUyj7Xn9-sk&list=PLLA_QJ8rHZBh5LqrY41bCvKgreRDRWrBQ	This video demonstrates the proper procedure for calculating voltage gain with an amplifier with RLC components. I learned how to use the impedance of the elements to calculate the voltage gain.	No
Op Amp with Diode Problems, Op-Amp Solved Problem, Op Amp Circuit Analysis	https://www.youtube.com/watch?v=9NUqCJWKylA&list=PLLA_QJ8rHZBh5LqrY41bCvKgreRDRWrBQ&index=8	This video showed me how to analyze an Op amp with a diode. The instructor walked through the procedure to find the desired values.	How do you derive the equations for the Op-Amp when a diode is incorporated ?

(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 feel as though the semester is running smoothly. I wish we could go over more application problems in class to prepare for homework and exams, but the videos on D2L are beneficial. It is a welcoming learning environment and I appreciate you for being so involved in building our knowledge of the material.