

### **Prelab 5: Digital to Analog Converters (DAC)**

1. Watch the prelab video on Canvas
2. Watch the following youtube video on soldering: <https://www.youtube.com/watch?v=QfRDF2fM-CI>.
3. Read through the documentation sections of the lab document
4. Install Code Composer Studio with the instructions in the lab document
5. Answer the following questions (may require independent research):
  - a. What is the purpose of Digital to Analog Converter?
  - b. Based on the schematic of the DAC in the lab document, write out an equation for the output voltage based on the voltages A, B, C, and D.
  - c. What should you always do every time you are done soldering?