

**June 29th 2018**

**In this Lab 4, you can earn an additional 5 bonus points at demo time if you can vary the brightness of the LCD backlight using temperature. Use PWM to drive the backlight as done in the required demo. The higher the temperature the dimmer the backlight. The lower the temperature the brighter the backlight.**

**These 5 bonus points must be earned as a group. All members contribute equally to earn the additional 5 lab bonus points.**

**The additional 5 lab bonus points make up for 5 lost lab points.**