

Lab 5 Grade Guideline (35 points)

Prelab (10 points)

This section should include

- Screenshot of code, including successful compilation prompt. (5 points)
- Screenshot/video/demo of terminal output. (5 points)

Lab Results (20 points)

This section should include

- Screenshot of millivolt output code, including successful compilation prompt. (5 points)
- Screenshot/video/demo of millivolt terminal output. (5 points)
- Screenshot of PWM control of LED brightness code, including successful compilation prompt. (5 points)
- Video/demo of PWM control of LED brightness. (5 points)

Discussion (5 points)

- 1) Explain why is the highest value you can get out of the ADC is 0xFFFF? (2 points)
- 2) Describe the measured values on the terminal and how you set up the PWM to control the LED brightness. (3 points)

No formal lab report is needed for Lab 5.