

# Memo

To: ECE 303

From: David Schmidt

CC: Other recipients

## Arduino Mega 2650 Lab 2 Timers and interrupts

**Task:** Create a circuit where a photo sensitive resistor reads PWM signals

5% - to 100% from 5 different LED's. Then calculate the resistance, current and voltage of both LED and Photo sensitive resistor

**Equipment:** Mega Arduino 2650 starter kit

1k and 10k ohm resistor

Jumper wires

5 different college 5v LED's

Bread Board

Photo sensitive resistor

**CODE:** is attached to the submission folder. The graphs are also attached with a pdf to the submission folder. I find it easier to submit with all of the data that way