

| | Criteria | Points | Notes |
|---------------------|---|--------|---|
| Lab section | | | |
| Step 2e | | | |
| Graph | TA checks graph off according to expected curve | 8 | |
| Step 4d | | | |
| Potentiometer input | some sort of color change is observed when turning the potentiometer | 6 | |
| All colors observed | Turning the potentiometer displays blue, purple, red, yellow, green, teal in some order | 4 | |
| Colors in order | Progression of colors is graduated as described in lab | 14 | |
| Endpoint colors | Color when potentiometer is turned all the way clockwise is the same color as when the potentiometer is turned all the way counterclockwise | 6 | |
| Writeup | | | |
| Lab code turned in | Canvas turnin contains zip with two .ino files | 2 | |
| Partner name | Report indicates partner name | 1 | "no partner" is sufficient if no partner |
| Question 1 | Questions are noted, or "no questions" (or variation) is written | 2 | |
| Question 2 | Frustrations are noted, or "none" (or variation) is written | 2 | |
| Question 3 | Main takeaway is noted (in good faith, vacuous such as "I was able to do lab 1" not accepted) | 2 | |
| Question 4 | Includes graph | 2 | |
| Question 4 | Explains similarities and differences between PWM and analog signal, according to TA answer sheet | 6 | any sources used must be cited (no credit if not) |
| Question 5 | Writes function call correctly according to TA answer sheet | 5 | |
| Question 6 | Notes how long lab took | 1 | |
| | | | |
| | TOTAL | 61 | |