

I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Point Scale

4: Exemplary

3: Complete

2: Incomplete

1: Minor effort

0: Not submitted

Print Name _____

Sign Name _____

Date _____

Asst. Signature _____

Requirements**Pts x Wt = Score**

1. Design a hardware PWM block in Verilog

x 6 =

2. Make the PWM IP an AXI peripheral to control RGB LEDs

x 7 =

3. Make it a full-featured PWM block

x 6 =

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+4** if one or more weeks early; Enter **-6** if one or two weeks late; Enter **X** if two or more weeks lateRequirements
Possible Score

76

Add the two rows above for the Requirements Earned Score
Enter **0** if more than two weeks late**Challenges****Pts x Wt = Score**

1. Create a hardware PWM block to control servo motors

x 7 =

2. Generate simple waveforms using a PWM module

x 7 =

2. Impress the TA!

x =

Total Score (add all rows)

Leave blank for on-time submission, or:

Enter **+2** if one or more weeks early; Enter **-3** if one or two weeks late; Enter **X** if two or more weeks lateChallenges
Possible Score

56

Add the two rows above for the Challenges Earned Score, or
Leave blank if no challenges submitted, or Enter **0** if more than two weeks late