

MSOE EECS Department

SE3910: Week 3 Lab Grading Checklist

Dr. Yoder Name: _____

Item	Points
Introduction: Describe the lab in your own words (You may use the space below)	/ 1
Complete prelab before lab	/ 1
For each screenshot: Zoom in before capturing signals with Analog Discovery Zoom in enough to clearly see latency between signals	/ 1
Hand annotate your numeric measurements onto the printed screenshot (except for those already included as part of the screenshot)	/ 1
Include your calculations to compute the latencies. These may be by hand. Write the final latency on the printed screenshot.	/ 1
Include screenshot of Analog Discovery measuring the latency between button press and LED changing when using busy.cpp	/ 6
Include screenshot of Analog Discovery measuring the latency between button press and LED changing when using interrupt.cpp	/ 5
Demonstrate one of the two scenarios above	/ 1
Explain the difference in response times you observe (You may use the space below)	/ 1
Summarize what you learned during this lab (You may use the space below)	/ 1
Things you liked about the lab or suggestions for improvement	/ 1
Total	/ 20

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- In addition to the materials above, submit any other supporting materials you create while working the lab (sketches, truth-tables, etc.) where they fit best in your report.
- Submit your work in the **order** listed above.
- Your demo is due during the lab period. Your lab packet is due by 9 AM on the day after the lab is performed. You may do your (late) demonstration after submitting your lab packet if necessary. There is a 1 point per day late penalty on the demo. The maximum late penalty for the report+demo per day is 2 points. Slip your submitted lab packet under my office door or submit your packet to me during the laboratory.