MSOE EECS Department
SE3910: Week 5 Lab Grading Checklist
Dr. Yoder Names:

Item	Points
Example "selfie" taken by your BeagleBone's camera	/ 2
One screenshot of oscilloscope capture used to measure **capture latency** latency. Be sure to indicate ***which signals*** you are measuring, ***what resolution*** you are measuring, what file format you are measuring, and the ***value of the latency*** you measured.	/ 2
Indicate the model of camera that you are using (e.g. Logitech C920)	/ 1
Screenshot of oscilloscope capture used to measure **file write** latency. Include the same items as the previous screenshot.	/ 2
In-lab demonstration of latency measurement and image on screen.	/ 1
JPG: Filled in at least two rows of the table below, including units	/ 3

Resolution	Capture time [Units]	File write time [Units]	File Size [Units]
320x240	[time]	[time]	[size]
[dimensions]	[time]	[time]	[size]
[dimensions]	[time]	[time]	[size]
1920x1080	[time]	[time]	[size]

Figure 1: Timing measurements for JPG format

Plot of two curves (capture time or write time), from your data above, with number of pixels as the independent axis	/ 3
Perform a rate monotonic analysis.	/ 3
Conclusions: Write what have you learned with this experience	/ 2
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.
- Submit your work in the ***order*** listed above.
- Submit any additional supporting materials you created while working the lab where they fit best in your report.
- Demo is due during the lab period. Lab packet is due by 9 AM 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. Maximum late penalty per day is 2 points.