Embedded Systems Lab Demonstration Validation Sheet

This sheet should be modified by the student to reflect the current lab assignment being demonstrated

|  |  |
| --- | --- |
| Lab Number: | Lab 7 – Digital Oscilloscope |
| Team Members | |  | | --- | | Team Member 1: | | Team Member 2: | |
| Date: |  |

# Lab Requirements

Perform a self-review and indicate with an X if you met each requirement or not.

|  |  |  |  |
| --- | --- | --- | --- |
| Assess-ment | Objective | Self-Review | TA  Review |
| 1 | LCD correctly shows sine vs. square wave at about 1kHz |  |  |
| 2 | LCD correctly shows amplitude of the wave at about 1kHz and 2v (accuracy: ) |  |  |
| 3 | LCD correctly shows frequency of the wave at about 1kHz (accuracy: ) |  |  |
| 4 | LCD correctly shows sine vs. square wave at about 100kHz |  |  |
| 5 | LCD correctly shows amplitude of the wave at about 100kHz & 2v (accuracy: ) |  |  |
| 6 | LCD correctly shows frequency of the wave at about 100kHz (accuracy: ) |  |  |
| 7 | Maximum frequency sensed: |  |  |
|  |  |  |  |

# Code Requirements (will not be graded during lab demo)

|  |  |  |  |
| --- | --- | --- | --- |
| REQ Number | Objective | Self-Review | TA  Review |
| 8 | All code must be commented and indented properly. |  |  |