

Lab Practical Directions

Name: _____

◆ **Duration: 90 minutes**

Signature: _____ Date: _____

- This exam is open book and open notes.
- Laptops may be used for code development.
- You may use code examples distributed during lecture. You may use code that you wrote as part of previous lab assignments.
- You may use any of the reference materials, user's guides, and datasheets provided on the official course website (must be downloaded to your computer prior to the start of the exam).
- **Laptops may not be connected to any network at any point during the exam.**
- **You may not speak with any other students in the class.**
- **You may not receive help from any other person. (no email, no phones)**

- By signing your name above, you agree to adhere to these policies. Any violations of these policies will result in an F on this exam and referral as a violation of academic integrity.

Exam Procedure:

- This exam asks you to implement a simple embedded system. You must properly configure the hardware and then develop the corresponding software.
- You must begin the exam with an empty breadboard (i.e., no hardware connected).
- You must demo (i.e., check-out) the working program to your Professor.
- The exam will end after 90 minutes. At that time, you must immediately stop working. Any remaining check-outs will be completed at that time. All students must print their code along with other materials at this time.
- To earn maximum credit, your program must:
 - exhibit good programming techniques
 - be fully compliant with the specifications and requirements
- Partial credit may be awarded for programs that exhibit minor bugs but are otherwise fully-functional.

Task

TBD

Name:	
Check-out /Demo: (5)	
Code Submittal: (5)	
Minor Bugs: (10)	
Good programming techniques: (10)	
Compliant with specs/reqs: (25)	
Exam Score:	