Final Demo

Team # _____ Reviewer _____

Introduction

- Team introduces themselves (+2)
- Team explains background, problem, and high level requirements (+4)
- Printed materials including the block diagram, high level requirements, and R&V table are provided to reviewers (+4)

_____ / 10

Project Functionality

Excellent (+60)	Good (+40)	Fair (+20)	Unfinished (+10)
• High level requirements satisfied • R&V table requirements satisfied • Professional packaging	• One high level requirement not satisfied • Some subsystems do not satisfy requirements in R&V table	• Most high level requirements cannot be demonstrated • One subsystem is missing entirely	• No high level requirements are satisfied • Multiple subsystems missing

(Graders may score in between levels of achievement)

_____ / 60

PCB Implementation

- The PCB based on final circuit design and functions without needing external modules [e.g. lab bench power supply, H-Bridge module, regulator module] (+10)
- The microcontroller is soldered to the PCB, turns on, and runs a program (+10)
- The peripheral electronics on the PCB accomplish subsystem requirements (+10)

_____ / 30

Team Knowledge - All members understand underlying principles of project and technologies used. If subsystems or project failed, a good engineering explanation is given along with possible solutions.

_____ / 20

Professionalism/Clarity - Team members on-time and prepared. Project demonstration seems practiced and purpose of demonstrated functions are related to overall project goal. Team members respond courteously to criticism and questions.

_____ / 10

Baseline Total: ____ / 130

Complexity/Style Points - Reserved for projects that show exceptional creativity or incorporate significant theory for courses. Half of teams should expect no points.

_____/20

Total: ____ / 150