Advanced Energy Vehicle

Lab10: Performance Test 2
Lab Objectives

- Develop a strategy for programming the AEV to complete the complete operational objectives (Refer to the Mission Concept Review (MCR) for the details)
- Determine the overall operational characteristics of the AEV
- Document progress
  - AEV Code Development
  - AEV Performance Analysis
  - Obstacles encountered during the lab
Performance Test 2 – Test Readiness Review

Requirements

- A small document reviewing what the team is going to accomplish this week and who is going to accomplish what tasks.

- Performance Test 2: Develop a strategy for programming the AEV to complete the operational objectives

- Due: Beginning of PT1 – Lab 10A!
Performance Test 2 – Lab Memo Requirements

- Create an Arduino Program to complete the scenario stated in the Mission Concept Review.

- Discuss the necessary tests needed in order to complete the scenario and testing/programming strategies (division of the team) to accomplish the goals.

- Discuss the results from the necessary tests.

- Finish Tasks for Performance Test 2 and write summary results in Performance Test 2 Lab Memo.

- Due: Beginning of PT3 – Lab 11A!
Questions?