Electric Vehicle Design Thoughts

**Motor**

-3 (or more) pole. Our current design has 2 poles, which might be susceptible to dead spots. We use 2 loops held opposite from each other on a cylindrical substrate.

**Wheels**

-I think we should use whegs (wheel legs), which are basically wheels that don’t contact at all times. Cover them in rubber or some other high friction material (perhaps just rubber bands).

**Battery**

-Provided for us

-What voltage do we need?

-Double A battery pack. Something else?

Deliverables:

-One on one meeting with professor. Let’s

In the past

-Roughly one foot

-Relatively low torque. Probably still need gear box.