**ELECTRONIC SYSTEMS (DRAFT outline)**

1. Computer
   1. An essential component for our robot
2. Motor Controllers
   1. Any problem or fix done with the Black Jaguars
   2. Possibly mention a change in product
   3. Talk about tests done by the software team?
3. Quadrature Optical Encoders
   1. Mention how they interface with the motor controllers
4. Wireless Emergency Stop
   1. Talk about the change made in the wiring in order to acquire power cycling
5. Camera
   1. Talk about one of the main sensors that lets the robot see objects
6. LIDAR
   1. Mention the change in positioning
7. GPS
   1. Talk about the NAVCOM and/or Garmin receiver(s)
   2. Talk about their accuracy, interface, and reliability
   3. Mention possible changes to be done
8. 2nd Case Reconstruction
   1. Describe all the changes done to the second case in order to reduce the overall weight
   2. Mention any changes done to the power distribution as a result
9. Sensor Network
   1. Describe the type of work performed on this unit
   2. Mention why this unit is relevant and significance to the team
10. Power Distribution
    1. Display and describe how the power is distributed to the motors and electronics
    2. Talk about the batteries and mention any future changes to be done to other designs