Engineering Club Robot

Meeting 1

Fall semester 2014

10/29/14

* Introduction
* Discuss what a robot is/does
  + Sense, think, act
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Discuss goals of the build for the semester

1. Get parts purchased
   1. Skeleton
      1. Arms
      2. Legs
      3. Body
      4. \_\_\_\_\_\_
   2. Servos
      1. For use on moving parts of robot
         1. Arms
         2. Legs
         3. Body
         4. Weapons?
         5. \_\_\_\_\_\_\_\_
      2. For use interacting with robot
      3. \_\_\_\_\_\_\_\_\_\_\_\_
   3. Processor
      1. For controlling the body’s movement
      2. For artificial intelligence
      3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. Sensor
      1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. Power source
      1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   6. \_\_\_\_\_\_\_\_\_\_\_\_
2. Assemble first robot
   1. Put together a programmable robot

* Does not need to be final product
* Can be expanded in future semesters

1. Program robot
   1. program to waive
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_