Lego Mindstorms Challenge

16.899 – Fundamental of Systems Engineering

1. Task: _____

2. You have one hour to conceive, design, implement, and operate a system capable of performing the task given in 1.

   a. Teams may not confer with other groups regarding their system design solution.
   b. Teams are limited to the materials provided with the Lego Minstorms set *only* (i.e. no outside objects of any kind).
   c. All kinetic energy necessary for completion of the task must be in some way be realized through operation of the Mindstorms computer (i.e. you cannot push, throw, kick, hit, etc. any part of the system in order to complete the task). Teams are allowed to press buttons on the computer itself.
   d. System must be mobile, but the capability of being towed is sufficient. That is, it does not have occur under it's own power.
   e. No computer programming should be necessary, but is allowed if so desired.
   f. I reserve the right to change any of these rules at any time I wish to account for the inevitable things I forgot about or did not think of beforehand (welcome to the real world).

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