

Rev. 0

SYEN2233. Solid Modeling and Design Project

Assigned: 4/11/13, Due: 4/22/13

Step Three:

Assemble the basic robot frame: Steps Three, Four, Five (don't include the encoders in this step, just duplicate the non-bearing steps in place of the encoders), Six, Seven, Eight, Nine, and Ten.

NOTE: the wheels do not have to turn! You can constrain them rigidly to the frame.

Provide an assembly drawing showing the final assembly.

Provide weights of all the subassemblies.

Follow step Thirteen to assemble the Robot Controller and Battery Pack to the Wheeled Robot Frame. This model will be your platform to which you design/assemble your tennis ball picker-upper.