1. Readings:

2. Drawing exercises:
   (a) There are lots of wheels at the Lego bench in the REL. Pose two or three of them and make a drawing in your notebook: Still life with wheels.
   (b) Make a three-view drawing (plan, side, front) with approximate dimensions of the servo modifying tool.
   (c) Make a three-quarter view drawing of the servo modifying tool.

3. Design element absorption: make drawings of
   (a) Revolute joint made with screw.
   (b) Joint made with flexible beam.
   (c) Joint made with servo tape.
   (d) Washer used as space to clear moving part interference.
   (e) Bevel used to capture sliding part.

4. Lab exercises:
   (a) Make a widget. It should have at least one movable joint, at least one use of a 2-56 screw in a properly drilled and tapped hole, and at least one use of glue or tape to join two pieces of plastic.
   (b) Modify a hobby servo.