

## Writing Instrument (Mar 8)

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Saturday, 23 February 2008  
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For this assignment, you will design and model a writing instrument using the tools you have learned so far, primarily Extrude, Revolve, and Sweep. The first step will be to sketch out a side view of your design in traditional media, scan it in, and import it into SolidWorks as a guide using Sketch Picture. The tutorials may be helpful if you've forgotten how to do this.

Once you've imported your sketch, make sure its scale is realistic and use it as a guide for Revolve features to create the writing instrument's body. You may want to compose the design from multiple independent bodies so that it's easier to assign different materials to each. Consider adding a removable cap component. A clip or other protrusion might be made using a Sweep.

Eventually, we'll do a rendering of this part in PhotoWorks, but it's not necessary to do that at this point.

Due: Sat, Mar 8