Write several paragraphs to describe one of the mechanisms listed below.

The front of your scientific/engineering calculator
The front of an oscilloscope
The front of a digital multimeter
The front of a PDA (personal digital assistant)
The front of a cell phone (open, if it is a flip phone)

Your Mechanism Description must include a visual aid. Your audience is a first year, first quarter engineering student who has not seen the object you are describing.

- Use callouts (arrows with labels) to point out key parts in your visual aid.
- Select a logical pattern for discussing the parts.
- Name and define each part you describe in a sentence.
  - Classify and differentiate
  - If necessary, qualify and extend
- Describe each part in a paragraph; be sure to discuss each part named in the callouts.

Refer to the lecture notes and assigned reading in Finkelstein (Technical Definition and Description of a Mechanism chapters) for more information on organizing your description.

Your Mechanism Description must be two to three pages in length, including your visual aid. Use 12 point font, double spacing, and typical margins (1 to 1.25 inches left and right, 1 inch top and bottom). If your Mechanism Description is under two pages or over three pages, adjust the level of complexity of your visual aid and written description to fit inside the limits.

Attach a coversheet to your two to three page Mechanism Description. The coversheet must include your name, section meeting time, and group color. Your name must not appear anywhere else on your Mechanism Description.

Late submissions will not be accepted. If you are unable to attend class, have a team member bring your assignment to class.