

# Assignment 1.4i: Engineer's Description and Sketch

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1. Create your own engineer's description of **one** of the following:

- Computer
- Airplane
- Washing machine
- Bridge
- Prosthetic limb
- Space satellite

Focus on how energy, materials, motion, and information are used and what needs are served. Include precise wording with specific numbers. Avoid broad descriptions.

2. Choose **one** of the following to draw a conceptual sketch:

- Desktop computer
- Incandescent light bulb
- Ballpoint pen
- Toilet

Identify all components with arrows and labels. Show how inputs and outputs and how parts move or interact. It should be clear from your sketch how the part works.

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