

# Mechanical Drawing: Board & CAD Techniques

## Chapter 2 Design and Sketching

### Objectives

1. Describe the three basic aspects of design.
2. Describe the traditional and concurrent engineering design models.
3. Explain how sketching is used to communicate design ideas.
4. Create freehand multiview and pictorial sketches.
5. Develop techniques for sketching in correct proportion.
6. Letter clear, neat freehand notes and dimensions on a sketch.
7. Explain the concept of sketching from the CAD operator's point of view.
8. Create text in CAD.