

## **AutoCAD Part 3**

You may have already figured out why CAD has many advantages over manual drafting. One big advantage is that once you've drawn something, you shouldn't have to draw it again. If you manually drew a house plan, you would have to draw a front elevation, side elevations, and possibly a perspective view. With one 3-D CAD model, you can generate views from any angle either inside or outside the house and animations. Afterwards, if your client needs something changed, you can then make the changes once and re-render your views. If you're drawing mechanical parts, you can generate virtual prototypes or even create rapid prototypes. You will have a chance to draw the same object different ways to see the differences between the various methods. Before entering the exciting world of 3-D, you'll have to learn some more CAD terminology. This level presumes that you have a good understanding of 2D commands.