

The AutoCAD 2000 Tutor

Chapter 3

AutoCAD Display and Selection Operations

Time Estimate: 2-3 hours

Summary:

Chapter 3 covers how to maximize the use of the display tools to make drawing manipulation easier. Zoom and Pan options / tools are covered in depth, the new Intellimouse support along with view options are presented. Selection options beyond pick and window are shown as well as using the Shift and Tab keys in a selection set to help insure the selection is done properly.

Objectives:

Once the chapter has been completed, a student's abilities should include:

- Increasing and decreasing the magnification of a drawing through several methods
- Applying the usage of the aerial viewer into a drawing
- Shifting of the image using the PAN command
- Using the Microsoft Intellimouse™ functions to combine the use ZOOM and PAN
- Saving magnified drawing states as separate named views
- Applying selection methods in a drawing
- Using the Erase command effectively
- Cycling through an object selection set
- Using the Quick Select tool
- Applying the Express Tools for selection purposes

Hints:

- Always stress ZOOM ALL and ZOOM EXTENTS will bring back a "lost" image
- Use two fingers on a mouse, not one for accuracy and speed (a lot of beginners use the index finger for both buttons) [Joke about writing "P" for Pick on the index finger and "R" for return on the middle finger if they have a hard time using two fingers]
- You must reinforce the SHIFT to remove option many times (purposely mess up a follow along sketch so the students have to SHIFT to remove)
- For the cycle through selections, incorporate the discussion of Object Snaps and how the TAB cycles through the selection options