

Northwestern School Corporation  
Technology Education Curriculum  
Course Outline

Design Processes I

1. Introduction to AutoCAD 2000
  - a. Commands
  - b. Keys
  - c. Functions
2. Flat view drawing
  - a. Use of AutoCAD icons for speed and accuracy
  - b. Reading a working drawing
  - c. Dimensioning
  - d. Creating layers and colors
  - e. Utilizing borders
3. Three view drawing
  - a. Front, side, Top views
  - b. Back, side, Top views
  - c. Construction lines
  - d. Hidden lines
  - e. Drawing alignment
4. Isometric view drawing
  - a. Changing drawing parameters
  - b. Drawing isometric circles / lines
  - c. Trim lines for 3D appearance
5. Design Project
  - a. Sketching and drawing
  - b. Brainstorming
  - c. Redesigning and improving
  - d. Producing a product