

Northwestern School Corporation
Technology Education Curriculum
Course Outline

Design Processes II

1. Introduction to 3D drafting
 - a. Commands
 - b. Keys
 - c. Functions
2. Solids drawing
 - a. Use of AutoCAD icons for speed and accuracy
 - b. Reading a working drawing
 - c. Creating layers and colors
3. Exploded Assembly drawing
 - a. Construction lines
 - b. Drawing alignment
 - c. Utilize layers and colors
4. Architectural Design Project
 - a. Sketching and drawing
 - b. Brainstorming
 - c. Redesigning and improving
 - d. Floor plan
 - e. Elevation
 - f. Creating a solid drawing model
5. Explore alternative CAD software programs
 - a. SurfCAM
 - b. Etc...