

Northwestern School Corporation  
Technology Education Curriculum  
Course Outline

Computers in Design and Production I

The Design Process

- Universal systems approach
- Problem solving process

Design documentation using CAD systems

- What is CAD CAM technologies?
- Assignments involving SurfCAM technologies
  - Flat view drawing
  - Two dimensional drawing

Computer Simulation of products

- Tutorial on processes involving CNC
- Assignments involving CNC Milling operations
  - Presentation of CNC projects

Automation in the modern workplace

- Samples and processes in the workplace
- Real world examples