

SolidWorks 3D Skills Seminar

Lesson 1: Parts

- Basic sketching: lines, arcs, and circles
- Sketch relations: smart sketching
- 3D commands: extrude, revolve, and shell
- COSMOSXpress on parts: force analysis

Lesson 2: Assemblies

- Putting Parts together using drag and drop
- Relating parts together: drag, drop, snap, and fit
- Interface detection
- Real-time collision detection
- Assemblies in motion

Lesson 3: Drawings

- Automation of drawing views
- Directional associativity between drawings and models
- Auto populating title blocks from model information, such as weight, surface area, etc.
- Different drawing views, such as detail views and section views
- One click, time saving commands