



SOLIDWORKS WELDMENTS

Pre-Requisites: SOLIDWORKS Essentials

Daily Schedule: 8:30 a.m. - 4:30 p.m.

Length: 1 Day

Learn how to make weldments in SOLIDWORKS. Topics include the design and modification of weldments, including weldment features such as structural members, end caps, and gussets. Basic detailing and cut list generation is also covered.

Introduction

- » About This Course
- » Windows XP
- » Use of Color

Lesson 1: Weldments

- » Weldments
- » Structural Members
- » Groups vs. Structural Members
- » Manual Trimming of Structural Members
- » Adding Plates
- » Weld Beads
- » Using Symmetry
- » Gussets and End Caps
- » Profile Sketches
- » Working with Weldments
- » Managing the Cut List
- » Custom Properties
- » Weldment Drawings

Lesson 2: Working with Pipes and Tubing

- » Working with Pipes and Tubing
- » 3D Sketching
- » Weldments and Sheet Metal in Assemblies

