



Inventor®: Sheet Metal Design

Objective: Learn the fundamental principles of sheet metal design using Autodesk® Inventor®. Learn basic sheet metal concepts and techniques and build on them to include complex modeling practices for forming sheet metal parts, assemblies, and drawings. Hands-on exercises representing real-world, industry-specific design scenarios are included.

Course Length: 2 days (16 hours)

Day 1

- Sheet Metal Design Methods
- Sheet Metal Rules
- Faces, Flanges, Hems, Cuts, Punches, Folds, Bends, Holes, Rounds and Patterns
- Lofted Flanges, Rips, and Contour Roll Features

Day 2

- Using Skeletal Models
- Using Legacy Data
- Punch Library Setup
- Flat Pattern Creation and Cleanup
- Creating Sheet Metal Drawings

- Lunch is included.
- Class is from 8:30 a.m. to 5:00 p.m.
- Students will receive a certificate upon completion.
- After completion of an entire class, students may audit the same class for one year, if space is available in the class.
- The entire class is purchased at one time, but individual days may be attended sequentially over several months.

Prerequisites: Inventor® Essentials class or equivalent experience with Autodesk® Inventor®.

Cost: \$325 per day plus a \$100 fee for a manual which must be purchased for enrollment.



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**Build
Accurate
3D Models**

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Design
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Advantages to Training at Repro Products' Autodesk® Authorized Training Center:

- Learn from highly qualified instructors at our superior facilities.
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- Get your hands on sample projects and exercises that emphasize real-world application.
- Earn a valuable certificate of completion that's recognized in your profession.
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