Solid Edge is widely acknowledged as the industry leader in Sheet Metal design. You can use Solid Edge to model straight brake, rolled or transition type components complete with flanges, holes, relief and corner options. You can validate designs for manufacturing and create/send flat patterns directly to production in DXF files. You can also document folding operations on associated drawings and get products with sheet metal parts to market faster with Solid Edge.

Details
Course: ST5 SM & FR
Duration: 1 Day
Venues: Melbourne Sydney Brisbane Perth

Solid Edge ST5 Sheet Metal

The purpose of this course is to provide the user with the concepts and skills to apply Solid Edge Sheet Metal to their day-to-day sheet metal design tasks. This course is aimed at the experienced Solid Edge user as it does not cover the basic concepts of general sketching and 3D modelling; nor does it cover 2D drawing production except for specific sheet metal functions.

Lesson 1: Sheet Metal overview & definitions
Lesson 2: Base Features
Lesson 3: Contour Flange
Lesson 4: Flanges, corners & bend relief
Lesson 5: Hem
Lesson 6: Using Live Rules in Sheet Metal
Lesson 7: Jog
Lesson 8: Deformation Features
Lesson 9: Modeling Synchronous & Ordered features
Lesson 10: Creating Flat Patterns
Lesson 11: Creating flat patterns

At the completion of this course attendees will be able to start applying these concepts and workflows to their day-to-day work.

This training will consist of lecture and hands on exercises. Each student will work at their own Workstation and all course material is supplied in electronic form. Lunch is provided.

SE Sheet Metal Benefits

Direct Interaction
• Fewer clicks for faster design

Order Free Modelling
• Quicker to learn
• Faster changes & edits

Live rules maintain design intent
• Directly drive the model
• Imported data is easy to modify
• Easy migration from 2D to 3D

To ensure your place call 1300 883 653 to-day.
Solid Edge Structural Frames is a process-specific workflow that helps users develop rigid frame structures. An intuitive interface guides a user through the process of creating a 3D sketch of the frame skeleton, modifying default features, applying standard structural cross-sections and then automatically generating a 3D solid model of the frame.

**Solid Edge ST5 Structural Frame Design**

The purpose of this course is to provide the user with the concepts and skills to apply Solid Edge Structural Frame Design to their day-to-day frame design tasks. This course is aimed at the experienced Solid Edge user as it does not cover the basic concepts of general sketching and 3D modelling; nor does it cover 2D drawing production.

Lesson 1: Structural Frame Design Workflow
Lesson 2: Starting the application
Lesson 3: Creating the Framework
Lesson 4: Placing Frames
Lesson 5: Automatic Frame component positioning
Lesson 6: Editing Frames
Lesson 7: Coping joints
Lesson 8: Creating custom Frame components
Lesson 9: Drafting
Lesson 10: Saving Frame components

At the completion of this course attendees will be able to start applying these benefits to their day-to-day work.

This training will consist of lecture and hands on exercises. Each student will work at their own Workstation and all course material is supplied in electronic form. Lunch is provided.

SE Structural Frame Benefits

**Associative 3D Sketcher**
- Intuitive frame layout sketching
- Automatically associates to underlying assembly

**Simple Frame Components**
- Unique method allows for massive frame assemblies
- Ease of editing
- Change profile shape “on the fly”

**Fully detailed drawings with cutlists**
- Automatically capture component cut lengths
- Total cut length for each component type

To ensure your place call 1300 883 653 to-day.