

## Technical Education Services

### Autodesk Inventor for Experienced 3D CAD Users



Course Length: 3 days

The Autodesk Inventor for Experienced 3D CAD Users training course is intended to provide accelerated introductory training in the Autodesk Inventor software. This training course can be used in a 3-day introductory training class and is designed for users that have 3D modeling design experience with other 3D CAD software packages (e.g., CATIA, Pro/ENGINEER, Creo Parametric, NX, SolidWorks, etc.).

By leveraging the experience users gain in working with other 3D modeling software packages, this hands-on, practice-intensive curriculum is developed so that new users in the Autodesk Inventor software can benefit from a shorter introductory level training course. The new user is taught how to find and use the modeling tools associated with familiar modeling strategies that are used in other 3D CAD software. Users of this student guide acquire the knowledge required to complete the process of creating models from conceptual sketching, through to solid modeling, assembly design, and drawing production.

For the current course  
schedule and to register  
for this course:

Web: [redstack.com.au](http://redstack.com.au)

Phone: 1300 667 263



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The main topics covered in the training guide include:

- The Autodesk Inventor software interface
- Obtaining model information
- Creating sketch and pick and place features
- Work Features
- Creating equations and working with parameters
- Model geometry and model display manipulation
- Feature duplication techniques
- Placing and constraining parts in assemblies
- Assembly component display
- Presentation files (Exploded views and Animations)
- Assembly tools
- Creating parts and features in assemblies
- Creating and editing assembly Bill of Materials
- Working with projects
- Creating and annotating drawings and views

### Prerequisites:

As an accelerated introductory training course, Autodesk Inventor for Experienced 3D CAD Users assumes prior knowledge of 3D modeling and other 3D CAD software. Users with AutoCAD or AutoCAD Mechanical experience are recommended to use the Autodesk Inventor Introduction to Solid Modeling training course.

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### Cancellation Policy

The following cancellation policy shall apply to all training and consulting engagements including customised training solutions:

Redstack reserves the right to reschedule or cancel the date, time and location of its class at any time. In the event that a Training Class is cancelled by Redstack, Customer is entitled to a full refund. Redstack shall not be responsible for any other loss incurred by Customer as a result of a cancellation or reschedule.

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