

AUTODESK 2017 INVENTOR ESSENTIALS

Autodesk Inventor allows you to complete your design quickly, easily, and with flexibility by combining parametric, freeform and direct editing tools.

Deliver innovative products faster

Autodesk Inventor provide a comprehensive and flexible set of software for 3D mechanical design, simulation, tooling creation, and design communication that help you cost-effectively take advantage of a Digital Photo typing workflow to design and build better products in less time.

Design and validate products digitally

Autodesk Inventor software include an intuitive parametric design environment for developing initial concept sketches and kinematic models of parts and assemblies.

AutoCAD users: move beyond 3D to Digital Photo typing

With Autodesk Inventor software, you can easily integrate AutoCAD® and 3D data into a single digital model to create a virtual representation of the final product.

What we cover in this course:

- The Autodesk Inventor software interface
- Creating 2D sketches
- Constraining and dimensioning sketches
- Generating 3D parts from sketches
- Part modelling, adding, and editing 3D features
- Work Features
- Creating equations and working with parameters
- Model geometry and model display manipulation
- Resolving feature failures
- Feature duplication techniques
- Establishing and working with model relationships
- Placing and constraining parts in assemblies
- Assembly component display
- Model Information
- Presentation files (Exploded views)
- Assembly tools
- Creating parts and features in assemblies
- Assembly bill of materials
- Working with projects
- Creating and annotating drawings and views
- Customization

COURSE DURATION:

4 Days

Full Time or Part Time

COURSE FEES:

R5 500.00

ACCREDITATION:

4 CPD Points

Internationally recognised

Autodesk Accredited

Autodesk E-Certificate

PREREQUISITES:

It is recommended that delegates have a basic working knowledge of one or more of the following:

Drafting, design or mechanical engineering principles.

Microsoft Windows XP, Microsoft Windows Vista, Microsoft Windows 7 or Microsoft Windows 8.

FUTURE COURSES YOU CAN DO:

AutoCAD 2D Intermediate

AutoCAD Advanced & 3D

Revit Essentials

Revit Advanced

Revit MEP



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